QK110
.P37
1887

Db-70

SHAW SCHOOL OF
MAR 29 1937
$1.75
BOTANY.

In this Check-list the following signs are used:

E. – Specimens in the Engelmann Herbarium.
G. – " " " Garden "
M. – " " – School of Botany – (Univ.)
M.L. – " " – " " " – (Local).

x indicates complete flowering and fruiting specimens.
♀ – " " " (fruit needed)
♂ – male specimens only.
♀ – female " "
⊙ – fruiting " "
– " leaf " "

Eur. – European specimens. When this sign is not used the specimens are all American.

QK110
.P37
1884

CHECK-LIST

—OF—

NORTH AMERICAN PLANTS,

—INCLUDING—

Mexican Species which approach the U. S. Boundary.

H. N. PATTERSON, PUBLISHER:
OQUAWKA, ILLS.
1887.

MISSOURI BOTANICAL
GARDEN LIBRARY

List of North American Plants.

RANUNCULACEÆ.

ACONITUM

Columbianum, Nutt.
Kamtschaticum, Willd.
Napellus, L., var. delphinifolium, Seringe.
Noveboracense, Gray.
reclinatum, Gray.
uncinatum, L.

ACTÆA

alba, Bigel.
spicata, L., var. arguta, Torr.
var. rubra, Ait.

ADONIS

autumnalis, L.

ANEMONE

acutiloba, Lawson.
cylindrica, Gray.
decapetala, L.
deltoidea, Hook.
dichotoma, L.
Drummondii, Watson.
Hepatica, L.
heterophylla, Nutt.
multifida, Poir.
narcissiflora, L.
nemorosa, L.
var. (A. trifolia, L.)
nudicaulis, Gray.
parviflora, Michx.
patens, L.
var. Nuttalliana, Gray.
occidentalis, Watson.
Richardsoni, Hook.
Virginiana, L.
Walteri, Pursh.

ANEMONELLA

thalictroides, Spach.

AQUILEGIA

brevistyla, Hook.
cærulea, James.
Canadensis, L.
chrysantha, Gray.
flavescens, Watson.
formosa, Fisch.
longissima, Gray.
Jonesii, Parry.
truncata, Fisch. & Mey.

CALTHA

biflora, DC.
leptosepala, DC.
natans, Pall.
palustris, L.
var. Sibirica, Regel.

CIMICIFUGA

Americana, Michx.

Arizonica, Watson.
cordifolia, Pursh.
elata, Nutt.
laciniata, Watson.
racemosa, Nutt.

CLEMATIS
alpina, Mill., var. occidentalis, Gray.
Baldwinii, T. & G.
Bigelovii, Torr.
Catesbyana, Pursh.
crispa, L.
Douglasii, Hook.
var. Scottii, Coulter.
Drummondii, T. & G.
Fremonti, Watson.
holosericea, Pursh.
lasiantha, Nutt.
ligusticifolia, Nutt.
var. bracteata, Torr.
var. brevifolia, Nutt.
var. Californica, Watson.
ochroleuca, Ait.
ovata, Pursh.
pauciflora, Nutt.
Pitcheri, T. & G.
reticulata, Walt.
verticillaris. DC.
Viorna, L.
var. coccinea, James.
Virginiana, L.
var. bracteata, DC.

COPTIS
asplenifolia, Salisb.
occidentalis, T. & G.
trifolia, Salisb.

DELPHINIUM
azureum, Michx.
bicolor, Nutt.
Californicum, T. & G.
cardinale, Hook.
Consolida, *L.*
decorum, Fisch. & Mey.
var. Nevadense, Watson.
depauperatum, Nutt.
exaltatum, Ait.
glaucum, Watson.
Menziesii, DC.

Nuttallii. Gray.
paniculatum, Nutt. Gray.
nudicaule, T. & G.
var. elatius, Gray.
occidentale, Watson.
scaposum, Greene.
scopulorum, Gray.
simplex, Dougl.
tricorne, Michx.
trolliifolium, Gray.
uliginosum, Curran.
variegatum, T. & G.
Wislizeni, Engelm. (Mex.)

HELLEBORUS
viridis, *L.*

HYDRASTIS
Canadensis, L.

ISOPYRUM
biternatum, T. & G.
Hallii, Gray.
occidentale, Hook. & Arn.
stipitatum, Gray.

MYOSURUS
alopecuroides, Greene.
apetalus, Gay.
var. lepturus, Gray.
cupulatus, Watson.
minimus, L.
sessilis, Watson.

PÆONIA
Brownii, Dougl.

RANUNCULUS
abortivus, L.
var. Harveyi, Gray.
acriformis, Gray.
acris, L.
adoneus, Gray.
affinis, R. Br.
var. validus, Gray.
alismæfolius, Geyer.
var. alismellus, Gray.
ambigens, Watson.
Andersoni, Gray.
aquatilis, L.
var. trichophyllus, Gray.
Arizonicus, Lemmon.
var. subaffinis, Gray.
var. subsagittatus, Gray.

arvensis, L.
Bloomeri, Watson.
bulbosus, L.
Californicus, Benth.
var. latilobus, Gray.
canus, Benth.
circinatus, Sibth.
Cymbalaria, Pursh.
digitatus, Hook.
Eschscholtzii, Schlecht.
fasciculatis, Muhl.
Flammula, L., var. intermedius, Hook.
var. reptans, Meyer.
glaberrimus, Hook.
hebecarpus, Hook. & Arn.
hederaceus, L.
hispidus, Mx., DC., Hook.
var. Oreganus, Gray.
Hookeri, Regel.
hydrocharoides, Gray.
hyperboreus, Rottb.
hystriculus, Gray.
Kamtschaticus, DC.
Lapponicus, L.
Lemmoni, Gray.
Lobbii, Hiern.
Macauleyi, Gray.
macranthus, Scheele.
multifidus, Pursh.
var. terrestris, Gray.
muricatus, L.
natans, C. A. Meyer.
nivalis, L.
Nuttallii, Gray.
oblongifolius, Ell.
occidentalis, Nutt.
var. Eiseni, Gray.
var. Lyalli, Gray.
var. Rattani, Gray.
var. robustus, Gray.
var. tenellus, Gray.
orthorhynchus, Hook., var. platyphyllus, Gray.
var. stenophyllus, Gray.
oxynotus, Gray.
Pallasii, Schlecht.
parviflorus, L.
parvulus, L.
Pennsylvanicus, L. f.
pusillus, Poir.
var. Lindheimeri, Gray.
pygmæus, Wahl.
recurvatus, Poir.
repens, L.
rhomboideus, Raf.
sceleratus, L.
septentrionalis, Poir.
Suksdorfii, Gray.
trachyspermus, Engelm.
trinernatus, Gray.

THALICTRUM
alpinum, L.
clavatum, DC.
debile, Buckl.
var. Texanum, Gray.
dioicum, L.
Fendleri, Engelm.
var. platycarpum, Trelease.
var. Wrightii, Trelease.
minus, L., var. Kemense, Trelease.
occidentale, Gray.
polycarpum, Watson.
polygamum, Muhl.
purpurascens, L.
sparsiflorum, Turcz.
venulosum, Trelease.

TRAUTVETTERIA
grandis, Nutt.
palmata, Fisch. & Mey.

TROLLIUS
laxus, Salisb.
var. albiflorus, Gray.

XANTHORRHIZA
apiifolia, L'Her.

DILLENIACEÆ.

CROSSOSOMA
Bigelovii, Watson.
Californicum, Nutt.

CALYCANTHACEÆ.

CALYCANTHUS
floridus, L.
glaucus, Willd.
lævigatus, Willd.
occidentalis, Hook. & Arn.

MAGNOLIACEÆ.

ILLICIUM
Floridanum, Ellis.
parviflorum, Vent.

LIRIODENDRON
Tulipifera, L.

MAGNOLIA
acuminata, L.
cordata, Michx.
Fraseri, Walt.
glauca, L.
var. pumila, Nutt.
grandiflora, L.
macrophylla, Michx.
Umbrella, Lam. = *M. tripetala* L.

SCHIZANDRA
coccinea, Michx.

ANONACEÆ.

ANONA
glabra, L.
laurifolia, Dunal.

ASIMINA
angustifolia, Gray.
cuneata, Shuttlew.
grandiflora, Dunal.
parviflora, Dunal.
pygmæa, Dunal.
triloba, Dunal.

MENISPERMACEÆ.

CALYCOCARPUM
Lyoni, Nutt.

COCCULUS
Carolinus, DC.
var. hederaceæfolius, Miers.
diversifolius, DC.
sagittæfolius, Miers.

MENISPERMUM
Canadense, L.

BERBERIDACEÆ.

ACHLYS
triphylla, DC.

BERBERIS
Aquifolium, Pursh.
Canadensis, Pursh.
Fendleri, Gray.
Fremonti, Torr.
nervosa, Pursh.
pinnata, Lagasca.
repens, Lindl.
Swaseyi, Buckl.
trifoliolata, Moric.
vulgaris, L.

CAULOPHYLLUM
thalictroides, Michx.

DIPHYLLEIA
cymosa, Michx.

JEFFERSONIA
diphylla, Pers.

PODOPHYLLUM
peltatum, L.

VANCOUVERIA
chrysantha, Greene.
hexandra, Morr. & Decne.

NYMPHÆACEÆ.

BRASENIA
peltata, Pursh.

CABOMBA
Caroliniana, Gray.

NELUMBIUM
luteum, Willd.

NUPHAR
advena, Ait.
var. (?) minor, Morong.
Kalmianum, Ait.
polysepalum, Engelm.
rubrodiscum, Morong.
sagittifolium, Pursh.

NYMPHÆA
ampla, DC.
elegans, Hook.
flava, Leitner.
odorata, Ait.
var. minor, Sims.
var. reniformis, T. & G.
tuberosa, Paine.

SARRACENIACEÆ.

DARLINGTONIA
Californica, Torr.

SARRACENIA
Drummondii, Croom.
flava, L.
psittacina, Michx.
purpurea, L.
var. alata, Wood.
var. heterophylla, Torr.
rubra, Walt.
var. acuminata, A. DC.
Sweetii, A. DC.
undulata, Decne.
variolaris, Michx.

PAPAVERACEÆ.

ARCTOMECON
Californicum, Torr.

ARGEMONE
corymbosa, Greene.
fruticosa, Thurb.
Mexicana, L.
var. albiflora, DC.
platyceras, Link & Otto.

CANBYA
aurea, Watson.
candida, Parry.

CHELIDONIUM
majus, L.

DENDROMECON
rigida, Benth.

ESCHSCHOLTZIA
Austinæ, Greene.
Californica, Cham.
var. cæspitosa, Brewer.
var. Douglasii, Gray.
glyptosperma, Greene.
Mexicana, Greene.
minutiflora, Watson.
Parishii, Greene.
peninsularis, Greene.
rhombipetala, Greene.
tenuifolia, Benth.

GLAUCIUM
luteum, Scop.

HUNNEMANNIA
fumariæfolia, Sweet. (Mex.)

MECONOPSIS
heterophylla, Benth.

PAPAVER
Argemone, L.
dubium, L.
nudicaule, L.
var. microcarpum, Elkan.
var. radicatum, DC.
somniferum, L.

PLATYSTEMON
Californicus, Benth.
var. leiocarpus, T. & G.

PLATYSTIGMA
Californicum, B'th. & Hook.
lineare, Benth.
Oreganum, Benth. & Hook.

ROMNEYA
Coulteri, Harvey.

SANGUINARIA
Canadensis, L.

STYLOPHORUM
diphyllum, Nutt.

FUMARIACEÆ.

ADLUMIA
cirrhosa, Raf.

CORYDALIS
aurea, Willd.
var. occidentalis, Gray.
Bidwelliæ, Watson.
Brandegei, Watson.
Caseana, Gray.
crystallina, Engelm.
curvisiliqua, Engelm.
Cusickii, Watson.
flavula, DC.
glauca, Pursh.
micrantha, Gray.
pæoniæfolia, Pers.
pauciflora, Pursh.
Scouleri, Hook.

DICENTRA
Canadensis, DC.
chrysantha, Hook. & Arn.
Cucullaria, DC.
eximia, DC.
formosa, DC.
lachenaliæflora, DC.
ochroleuca, Engelm.
pauciflora, Watson.
uniflora, Kellogg.

FUMARIA
officinalis, L.

CRUCIFERÆ.

ALYSSUM
calycinum, L.
Lescurii, Gray.
maritimum, L.

ARABIS
alpina, L.
arcuata, Gray.
blepharophylla, H'k. & Arn.
Breutelii, Lange.
Breweri, Watson.
Canadensis, L.
Cusickii, Watson.
canescens, Nutt.
var. latifolia, Watson.
var. (?) stylosa, Watson.
dentata, T. & G.
Drummondii, Gray.
var. brachycarpa, Gray.
furcata, Watson.
hirsuta, Scop.
var. glabrata, T. & G.
Holbœllii, Hornem.
var. perennans, Watson.
lævigata, Poir.
longirostris, Watson.
Ludoviciana, C. A. Meyer.
Lyallii, Watson.
lyrata, L.
patens, Sulliv.
perfoliata, Lam.
petiolaris, Gray.
petræa, Lam.
var. ambigua, Regel.
platysperma, Gray.
repanda, Watson.
spathulata, Nutt.
stricta, Huds.
subpinnatifida, Watson.
suffrutescens, Watson.
Howellii Watson.

BARBAREA
vulgaris, R. Br.
var. arcuata, Koch.
var. gracilis, DC.
var. stricta, Regel.
præcox, *R. Br.*

BISCUTELLA
Californica, Benth. & Hook.
Wislizeni, Benth. & Hook.

BRASSICA
alba, *Gray.*
campestris, *L.*
nigra, *Koch.*
Rapa, *L.*
Sinapistrum, *Boiss.*

BRAYA
alpina, Sternb., var. Americana, Hook.
var. glabella, Watson.
Eschscholtziana, B. & H.
Oregonensis, Gray.
pilosa, Hook.
rosea, Bunge.

CAKILE
Americana, Nutt.
maritima, Scop, var. æqulis, Chapm.

CAMELINA
sativa, *Crantz.*

CAPSELLA
Bursa-pastoris, *Mœnch.*
divaricata, Walp.
pubens, Benth. & Hook.

CARDAMINE
angulata, Hook.
bellidifolia, L.
Breweri, Watson.
Clematitis, Shuttl.
cordifolia, Gray.
var. pubescens, Gray.
curvisiliqua, Shuttl.
Gambelii, Watson.
hirsuta, L.
var. sylvatica, Gray.
oligosperma, Nutt.
paucisecta, Benth.
pratensis, L.
var. angustifolia, Hook.
purpurea, Cham. & Schl.
rhomboidea, DC.
var. purpurea, Torr.
rotundifolia, Michx.
spathulata, Michx.

CAULANTHUS
amplexicaulis, Watson.
Coulteri, Watson.
crassicaulis, Watson.
glaucus, Watson.
hastatus, Watson.
inflatus, Watson.
pilosus, Watson.
procerus, Watson.

CHEIRANTHUS
asper, Cham. & Schlecht.
Menziesii, Benth. & Hook.
pygmæus, Adams.

COCHLEARIA
Anglica, L.
Danica, L.
officinalis, L.
sisymbrioides, DC.
tridactylites, Banks.

DENTARIA
Californica, Watson.
var. pachystigma, Watson.
diphylla, Michx.
heterophylla, Nutt.
laciniata, Muhl.
maxima, Nutt.
multifida, Muhl.
tenella, Pursh.
gemmata, Watson.

DRABA
alpina, L.
var. algida, Regel.
var. (?) corymbosa, Durand.
var. glacialis, Dickie.
var. hebecarpa, Lindb.
var. (?) micropetala, Dur'nd.
androsacea, Wahl.
arabisans, Michx.
asprella, Greene.
aurea, Vahl.
var. stylosa, Gray.
aureola, Watson.
brachycarpa, Nutt.
Caroliniana, Walt.
var. micrantha, Gray.
chrysantha, Watson.
corrugata, Watson.
crassifolia, Grah.
cuneifolia, Nutt.
eurycarpa, Gray.
hirta, L.
Howellii, Watson.
hyperborea, Desv.
var. siliquosa, Gray.
incana, L.
var. borealis, T. & G.
var. confusa, Poir.
Lemmoni, Watson.
Mogollonica, Greene.
montana, Watson.
nemorosa, L., var. hebecarpa, Lindb.
var. leiocarpa, Lindb.
platycarpa, T. & G.
ramosissima, Desv.
rupestris, R. Br.
stellata, Jacq., var. hebecarpa, DC.
var. Johannis, Regel.
var. nivalis, Regel.
stenoloba, Ledeb.
streptocarpa, Gray.
unilateralis, Jones.
ventosa, Gray.
verna, L.

DRYOPETALON
runcinatum, Gray.

EUTREMA
Edwardsii, R. Br.
Labradoricum, Turcz.

ERYSIMUM
asperum, DC.
var. Arkansanum, Gray.
var. elatum, Torr.
var. pumilum, Watson.
cheiranthoides, L.
parviflorum, Nutt.
orientale, *R. Br.*
pumilum, Nutt.
Wheeleri, Rothrock.

GREGGIA
camporum, Gray.
linearifolia, Watson.

HESPERIS
matronalis, *L.*

LEAVENWORTHIA
aurea, Torr.
Michauxii, Torr.
x stylosa.
x tomentosa.

stylosa, Gray.
torulosa, Gray.

LEPIDIUM
alyssoides, Gray.
campestre, *R. Br.*
dictyotum, Gray.
var. (?) acutidens, Gray.
Draba, *L.*
flavum, Torr.
Fremonti, Watson.
Grœnlandicum, Hornem.
integrifolium, Nutt.
var. heterophyllum, Wats.
intermedium, Gray.
lasiocarpum, Nutt.
var. tenuipes, Watson.
latipes, Hook.
Menziesii, DC.
montanum, Nutt.
nanum, Watson.
nitidum, Nutt.
oxycarpum, T. & G.
var. (?) strictum, Watson.
ruderale, *L.*
sativum, *L.*
sordidum, Gray.
Utahense, Jones.
Virginicum, L.

LYROCARPA
Coulteri, Hook. & Harv.
Palmeri, Watson.

NASTURTIUM
amphibium, R. Br.
Armoracia, *Fries.*
curvisiliqua, Nutt.
var. lyratum, Watson.
lacustre, Gray.
limosum, Nutt.
obtusum, Nutt.
var. (?) alpinum, Watson.
officinale, *R. Br.*
palustre, DC.
var. hispidum, F. & M.
sessiliflorum, Nutt.
sinuatum, Nutt.
sphærocarpum, Gray.
sylvestre, *R. Br.*
tanacetifolium, Hook. & Arn.
trachycarpum, Gray.

NESLIA
paniculata, *Desv.*

PARRYA
arctica, R. Br.
arenicola, Hook. f.
nudicaulis, var. aspera, Regel.
var. glabra, Regel.

PHYSARIA
didymocarpa, Gray.
Geyeri, Gray.
Newberryi, Gray.
Oregona, Watson.

PLATYSPERMUM
scapigerum, Hook.

RAPHANUS
Raphanistrum, *L.*
sativus, *L.*

SELENIA
aurea, Nutt.
dissecta, T. & G.

SENEBIERA
Coronopus, *Poir.*
didyma, *Pers.*

SISYMBRIUM
acutangulum, *DC.*
Alliaria, *Scop.*
canescens, Nutt.
var. brachycarpum, Wats.
diffusum, Gray.
glaucum, Nutt.
humile, C. A. Meyer.
incisum, Engelm.
var. filipes, Gray.
var. Hartwegianum, Wats.
linifolium, Nutt.
officinale, *Scop.*
pauciflorum, Nutt.
reflexum, Nutt.
salsugineum, Pall.
Sophia, *L.*
var. (S. sophioides, Fisch.)
Thaliana, *Gay.*
virgatum, Nutt.

SMELOWSKIA
calycina, C. A. Meyer.
? Fremonti, Watson.

STANFORDIA
Californica, Watson.

STANLEYA
pinnatifida, Nutt.
tomentosa, Parry.
viridiflora, Nutt.

STREPTANTHUS
bracteatus, Gray.
Breweri, Gray.
carinatus, Wright.
cordatus, Nutt.
diversifolius, Watson.
flavescens, Hook.
glandulosus, Hook.
var. (?) lævis, Watson.
heterophyllus, Nutt.
hispidus, Gray.
Howellii, Watson.
hyacinthoides, Hook.
maculatus, Nutt.
niger, Greene.
peramœnus, Greene.
platycarpus, Gray.
polygaloides, Gray.
repandus, Nutt.
tortuosus, Kellogg.

SUBULARIA
aquatica, L.

SYNTHLIPSIS
Berlandieri, Gray.
var. hispida, Watson.
Greggii, Gray.

THELYPODIUM
ambiguum, Watson.
auriculatum, Watson.
brachycarpum, Torr.
Cooperi, Watson.
flavescens, Watson.
Howellii, Watson.
integrifolium, Endl.
laciniatum, Endl.
linearifolium, Watson.
longifolium, Watson.
micranthum, Watson.
neglectum, Jones.
Nuttallii, Watson.
pinnatifidum, Watson.
sagittatum, Endl.
Wrightii, Gray.

THLASPI
alpestre, L.
arvense, L.
Californicum, Watson.

THYSANOCARPUS
curvipes, Hook.
erectus, Watson.
laciniatus, Nutt.
var. crenatus, Brewer.
pusillus, Hook.
radians, Benth.
conduplicatus, Greene.

TROPIDOCARPUM
gracile, Hook.

VESICARIA
alpina, Nutt.
arctica, Richards.
argentea, Schauer.
argyrea, Gray.
auriculata, Engelm. & Gray.
Berlandieri, Gray.
calycina, Gray.
densiflora, Gray.
Engelmanni, Gray.
Fendleri, Gray.
globosa, Desv.
Gordoni, Gray.
gracilis, Hook.
grandiflora, Hook.
Kingii, Watson.
lasiocarpa, Hook.
Lindheimeri, Gray.
Ludoviciana, DC.
montana, Gray.
Nuttallii, T. & G.
occidentalis, Watson.
pallida, T. & G.
purpurea, Gray.
var. albiflora, Gray.
recurvata, Engelm.
repanda, Nutt.
var. ? hortii.

WAREA
amplexifolia, Nutt.
cuneifolia, Nutt.

CAPPARIDACEÆ.

ATAMISQUEA
emarginata, Miers. (Mex.)

CAPPARIS
cynophallophora, L.
Jamaicensis, Jacq.

CLEOME
integrifolia, T. & G.
lutea, Hook.
platycarpa, Torr.
pungens, Willd.
Sonoræ, Gray.
sparsifolia, Watson.

CLEOMELLA
angustifolia, Torr.
brevipes, Watson.
longipes, Torr.
var. (?) grandiflora, Watson.
obtusifolia, Torr.
oocarpa, Gray.
parviflora, Gray.
plocasperma, Watson.

CRISTATELLA
erosa, Nutt.
Jamesii, T. & G.

GYNANDROPSIS
pentaphylla, DC.

ISOMERIS
arborea, Nutt.

OXYSTYLIS
lutea, Torr.

POLANISIA
graveolens, Raf.
tenuifolia, T. & G.
trachysperma, T. & G.
uniglandulosa, DC.

WISLIZENIA
Palmeri, Gray.
refracta, Engelm.

RESEDACEÆ.

OLIGOMERIS
glaucescens, Camb.

RESEDA
luteola, L.

CISTACEÆ.

HELIANTHEMUM
arenicola, Chapm.
Canadense, Michx.
capitatum, Nutt.
Carolinianum, Michx.
corymbosum, Michx.
scoparium, Nutt.

HUDSONIA
ericoides, L.
montana, Nutt.
tomentosa, Nutt.

LECHEA
Drummondii, T. & G.
major, Michx.
minor, Walt.
patula, Leggett.
racemulosa, Lam.
tenuifolia, Michx.
thymifolia, Pursh.
Torreyi, Leggett.

VIOLACEÆ.

IONIDIUM
parietariæfolium, DC.
polygalæfolium, Vent.

SOLEA
concolor, Ging.

VIOLA
Beckwithii, T. & G.
biflora, L.
blanda, Willd.
var. palustriformis, Gray.
var. renifolia, Gray.
Canadensis, L.
var. scopulorum, Gray.
canina, L., var. adunca, Gray.
var. Muhlenbergii, Gray.
var. multicaulis, Gray.
var. oxyceras, Watson.
chrysantha, Hook.
cuneata, Watson.
glabella, Nutt.
Hallii, Gray.
hastata, Michx.
var. tripartita, Gray.
lanceolata, L.
Langsdorffii, Fisch.
lobata, Benth.
var. integrifolia, Watson.
mirabilis, L.
Nuttallii, Pursh.
ocellata, T. & G.
odorata, L.
palmata, L.
var. cucullata, Gray.
palustris, L.
pedata, L.
var. bicolor, Pursh.

pedatifida, Don.
pedunculata, T. & G.
præmorsa, Dougl.
primulifolia, L.
var. occidentalis, Gray.
pubescens, Ait.
var. scabriuscula, T. & G.
rostrata, Muhl.
rotundifolia, Michx.
sagittata, Ait.
sarmentosa, Dougl.
Selkirkii, Pursh.
Sheltonii, Torr.
striata, Ait.
tricolor, L., var. arvensis, DC.
trinervata, Howell.
Howellii Gray.

CANELLACEÆ.

CANELLA
alba, Murray.

BIXINEÆ.

AMOREUXIA
malvæfolia, Gray. (Mex.)
palmatifida, DC.
Wrightii, Gray.

POLYGALACEÆ.

KRAMERIA
canescens, Gray.
parvifolia, Benth.
ramosissima, Watson.
secundiflora, DC.

MONNINA
Wrightii, Gray.

POLYGALA
acanthoclada, Gray.
alba, Nutt.
var. (?) subspecta, Watson.
ambigua, Nutt.
Baldwinii, Nutt.
Boykini, Nutt.
brevifolia, Nutt.
Californica, Nutt.
Chapmanii, T. & G.
cruciata, L.
cucullata, Benth.
Curtisii, Gray.
cymosa, Walt.
fastigiata, Nutt.
Fishiæ, Parry. (L. Cal.)
grandiflora, Walt.
hemipterocarpa, Gray.
Hookeri, T. & G.
incarnata, L.
leptocaulis, T. & G.
leptostachys, Shuttlew.
Lindheimeri, Gray.
lutea, L.
macradenia, Gray.
nana, DC.
Nuttallii, T. & G.
ovalifolia, DC.
paniculata, L.
paucifolia, Willd.
polygama, Walt.
puberula, Gray.
ramosa, Ell.
Reynoldsæ, Chapm.
Rugelii, Shuttlew.
Rusbyi, Greene.
sanguinea, L.
scoparia, HBK.
var. multicaulis, Gray.
Senega, L.
setacea, Michx.
subspinosa, Watson.
verticillata, L.
Xanti, Gray. (L. Cal.)

FRANKENIACEÆ.

FRANKENIA
grandifolia, Cham. & Schl.
Jamesii, Torr.
Palmeri, Watson.

CARYOPHYLLACEÆ.

ARENARIA
aculeata, Watson.
alsinoides, Willd.
arctica, Stev.
var. breviscapa, Regel.
var. (?) cæspitosa, Watson.
Benthamii, Fenzl.
biflora, Watson.
var. carnosula, Watson.
var. obtusa, Watson.
brevifolia, Nutt.
Californica, Brewer.
capillaris, Poir., var. nardifolia, Regel.

ciliata, L.
var. humifusa, Hornem.
congesta, Nutt.
var. subcongesta, Watson.
Douglasii, T. & G.
Fendleri, Gray.
var. diffusa, Porter.
var. glabrescens, Watson.
Franklinii, Dougl.
var. minor, Hook. & Arn.
glabra, Michx.
Grœnlandica, Spreng.
Howellii, Watson.
lateriflora, L.
macradenia, Watson.
macrocarpa, Pursh.
macrophylla, Hook.
Michauxii, Hook. f.
palustris, Watson.
patula, Michx.
peploides, L.
var. oblongifolia, Watson.
physodes, DC.
Pitcheri, Nutt.
pumilio, R. Br.
pungens, Nutt.
pusilla, Watson.
Rusbyi, Greene.
saxosa, Gray.
scabrella, Greene.
serpyllifolia, *L.*
squarrosa, Michx.
stricta, Watson.
tenella, Nutt.
verna, L.
var. hirta, Watson.
var. rubella, Hook. f.

CERASTIUM

alpinum, L.
var. Behringianum, Regel.
var. Fischerianum, T. & G.
var. glabratum, Hook.
var. (?) uniflorum, Durand.
arvense, L.
maximum, L.
nutans, Raf.
oblongifolium, Torr.
pilosum, Ledeb.
quaternellum, *Fenzl.*
sericeum, Watson.
trigynum, Vill.

viscosum, *L.*
var. tenellum, Grenier.
vulgatum, *L.*

DIANTHUS

alpinus, L., var. repens, Regel.
Armeria, *L.*
prolifer, *L.*

DRYMARIA

crassifolia, Benth.
effusa, Gray.
Fendleri, Watson.
frankenioides, HBK. (Mex.)
holostoides, Benth. (L. Cal.)
nodosa, Engelm. (Mex.)
sperguloides, Gray.
tenella, Gray.
xerophylla, Gray. (Mex.)

HOLOSTEUM

umbellatum, *L.*

LEPIGONUM

gracile, Watson.
macrothecum, Fisch. & Mey.
medium, Fries.
var. macrocarpum, Watson.
rubrum, Fries.
salinum, Fries.

LŒFLINGIA

squarrosa, Nutt.

LYCHNIS

affinis, Vahl.
alpina, L.
apetala, L.
var. glabra, Regel.
Californica, Watson.
dioica, *L.*
Drummondii, Watson.
elata, Watson.
Githago, *Lam.*
Kingii, Watson.
montana, Watson.
nuda, Watson.
Parryi, Watson.
triflora, R. Br.
vespertina, *Sibth.*

POLYCARPON

depressum, Nutt.
tetraphyllum, *L. f.*

SAGINA
- apetala, L.
  - crassicaulis, Watson.
- decumbens, T. & G.
- Linnæi, Presl.
  - nivalis, Lindbl.
- nodosa, E. Meyer.
  - occidentalis, Watson.
- procumbens, L.

SAPONARIA
- *officinalis*, L.
- *Vaccaria*, L.

SILENE
- acaulis, L.
- antirrhina, L.
  - var. linaria, Wood.
  - *Armeria*, L.
- Baldwinii, Nutt.
  - Bridgesii, Rohrb.
  - Californica, Durand.
- campanulata, Watson.
  - Douglasii, Hook.
  - *Gallica*, L.
  - Grayi, Watson.
  - Hallii, Watson.
  - Hookeri, Nutt.
  - incompta, Gray.
- × *inflata*, *Sm.*
  - laciniata, Cav.
    - var. Greggii, Watson.
  - Lemmoni, Watson.
  - Lyallii, Watson.
  - Menziesii, Hook.
  - monantha, Watson.
  - montana, Watson.
  - multicaulis, Nutt.
  - nivea, DC.
- *noctiflora*, L.
  - *nocturna*, L.
  - occidentalis, Watson.
  - Oregana, Watson.
  - ovata, Pursh.
  - Palmeri, Watson.
  - Parishii, Watson.
  - pectinata, Watson.
- Pennsylvanica, Michx.
  - platyota, Watson.
  - plicata, Watson.
  - regia, Sims.
  - rotundifolia, Nutt.
  - Sargentii, Watson.
  - Scouleri, Hook.
  - Spaldingii, Watson.
  - stellata, Ait. f.
  - Thurberi, Watson.
  - verecunda, Watson.
- Virginica, L.
  - Wrightii, Gray.
  - longistylis, Engelm.

SPERGULA
- *arvensis*, L.

STELLARIA
- borealis, Bigel.
  - var. alpestris, Gray.
  - crassifolia, Ehrh.
  - crispa, Cham. & Schlecht.
  - dicranoides, Fenzl.
- *graminea*, L.
  - humifusa, Rottb.
  - Jamesii, Torr.
  - Kingii, Watson.
  - littoralis, Torr.
- longifolia, Muhl.
  - longipes, Goldie.
    - var. Edwardsii, T. & G.
    - var. læta, T. & G.
    - var. minor, Hook.
    - var. peduncularis, Fenzl.
  - macropetala, T. & G.
- *media*, *Sm.*
- nitens, Nutt.
- Nuttallii, T. & G.
  - obtusa, Eng.
  - prostrata, Baldw.
  - pubera, Michx.
  - ruscifolia, Willd.
  - uliginosa, Murr.
  - umbellata, Turcz.
  - uniflora, Walt.

STIPULICIDA
- setacea, Michx.

PARONYCHIEÆ.

ACHYRONYCHIA
- Cooperi, Gray.

ANYCHIA
- capillacea, DC.
- dichotoma, Michx.

PARONYCHIA
argyrocoma, Nutt.
Baldwinii, Fenzl.
dichotoma, Nutt.
Drummondii, T. & G.
herniarioides, Nutt.
Jamesii, T. & G.
var. depressa, T. & G.
Lindheimeri, Engelm.
pulvinata, Gray.
riparia, Chapm.
sessiliflora, Nutt.
setacea, T. & G.

PENTACÆNA
ramosissima, Hook. & Arn.

SCLERANTHUS
annuus, *L.*

SIPHONYCHIA
Americana, T. & G.
diffusa, Chapm.
erecta, Chapm.
Rugelii, Chapm.

PORTULACACEÆ.

CALANDRINIA
Breweri, Watson.
Cotyledon, Watson.
Leana, Porter.
maritima, Nutt.
Menziesii, Hook.
Nevadensis, Gray.
oppositifolia, Watson.
pygmæa, Gray.

CALYPTRIDIUM
monandrum, Nutt.
quadripetalum, Watson.
roseum, Watson.

CLAYTONIA
acutifolia, Willd.
ambigua, Watson.
arctica, Adams.
bulbifera, Gray.
Caroliniana, Michx.
var. sessilifolia, Torr.
Chamissonis, Esch.
var. tenerrima, Gray.
cordifolia, Watson.
dichotoma, Nutt.
diffusa, Nutt.
exigua, T. & G.
linearis, Dougl.
megarrhiza, Parry.
Nevadensis, Watson.
parvifolia, Moc.
perfoliata, Donn.
var. parviflora, Torr.
var. spathulata, Watson.
sarmentosa, C. A. Meyer.
Sibirica, L.
triphylla, Watson.
umbellata, Watson.
Virginica, L.
spatulata Soucl. Gray, Proc. xxii. 282
var. linifolia Gray

LEWISIA
brachycalyx, Engelm.
rediviva, Pursh.

MONTIA
fontana, L.

PORTULACA
lanceolata, Engelm.
oleracea, *L.*
pilosa, L.
retusa, Engelm.
suffrutescens, Engelm.

SPRAGUEA
paniculata, Kellogg.
umbellata, Torr.

TALINOPSIS
frutescens, Gray.

TALINUM
aurantiacum, Engelm.
brevifolium, Torr.
calycinum, Engelm.
humile, Greene.
parviflorum, Nutt.
patens, Willd.
spinescens, Torr.
teretifolium, Pursh.

TAMARISCINEÆ.

FOUQUIERIA
formosa, HBK.
spinosa, HBK.
splendens, Engelm.

TAMARIX
Gallica, *L.*

ELATINEÆ.

BERGIA
Texana, Seub.

ELATINE
Americana, Arnott.
brachysperma, Gray.
Californica, Gray.
triandra, Schk.

HYPERICACEÆ.

ASCYRUM
amplexicaule, Michx.
Crux-Andreæ, L.
hypericoides, L.
pumilum, Michx.
stans, Michx.

ELODEA
campanulata, Pursh.
petiolata, Pursh.

HYPERICUM
adpressum, Barton.
anagalloides, Cham. & Schl.
Ascyron, L.
aureum, Bartram.
Buckleyi, M. A. Curtis.
Canadense, L.
var. major, Gray.
var. minimum, Chois.
cistifolium, Lam.
concinnum, Benth.
densiflorum, Pursh.
dolabriforme, Vent.
Drummondii, T. & G.
ellipticum, Hook.
fasciculatum, Lam.
formosum, HBK., var. Scouleri, Coulter.
galioides, Lam.
graveolens, Buckl.
gymnanthum, Eng. & Gray.
Kalmianum, L.
lobocarpum, Gattinger.
maculatum, Walt.
microsepalum, Gray.
mutilum, L.
myrtifolium, Lam.
nudicaule, Walt.
opacum, T. & G.
perforatum, L.
pilosum, Walt.
prolificum, L.
sphærocarpum, Michx.
virgatum, Lam.
var. acutifolium, Coulter.

GUTTIFERÆ.

CLUSIA
flava, L.

TERNSTRŒMIACEÆ.

GORDONIA
Lasianthus, L.
pubescens, L'Her.

STUARTIA
pentagyna, L'Her.
Virginica, Cav.

MALVACEÆ.

ABUTILON
Avicennæ, Gærtn.
Californicum, Benth. (L. Cal.)
crispum, Don.
var. imberbe, Griseb.
holosericeum, Scheele.
hypoleucum, Gray.
Indicum, Don, var. hirtum, Griseb.
Jacquini, Don.
Lemmoni, Watson.
malacum, Watson.
Newberryi, Watson.
Palmeri, Gray.
Parishii, Watson.
parvulum, Gray.
pedunculare, HBK.
permolle, Don.
reventum, Watson.
Sonoræ, Gray.
Texense, T. & G.
Thurberi, Gray.
Wrightii, Gray.

ALTHÆA
officinalis, L.

ANODA
hastata, Cav.
parviflora, Cav.
pentaschista, Gray.
reticulata, Watson.

CALLIRRHOE
alceoides, Gray.
digitata, Nutt.
involucrata, Gray.
linearifloba, Gray.
Papaver, Gray.
pedata, Gray.
triangulata, Gray.

FUGOSIA
Drummondii, Gray.
heterophylla, Spach.

GOSSYPIUM
Davidsoni, Kell. (L. Cal.)

HIBISCUS
aculeatus, Walt.
Bancroftianus, Macf.
Californicus, Kellogg.
cardiophyllus, Gray.
Carolinianus, Muhl.
coccineus, Walt.
var. integrifolius, Chapm.
Coulteri, Harv.
denudatus, Benth.
var. involucellatus, Gray.
furcellatus, Desr.
grandiflorus, Michx.
incanus, Schrad.
Manihot, L.
militaris, Cav.
Moscheutos, L.
ribifolius, Gray. (L. Cal.)
Syriacus, L.
tiliaceus, L.
Trionum, L.

INGENHOUZIA
triloba, DC.

KOSTELETZKYA
altheæfolia, Gray.
Coulteri, Gray. (Mex.)
digitata, Gray.
paniculata, Benth. (Mex.)
Virginica, Gray.
var. smilacifolia, Chapm.

LAVATERA
assurgentiflora, Kellogg.
insularis, Watson.
venosa, Watson.

MALACHRA
capitata, L.
palmata, Mœnch.

MALVA
Alcea, L.
borealis, Wallm.
crispa, L.
moschata, L.
parviflora, L.
rotundifolia, L.
sylvestris, L.

MALVASTRUM
angustum, Gray.
coccineum, Gray.
var. dissectum, Gray.
var. grossulariæfol'm, Torr.
Coulteri, Watson.
densiflorum, Watson.
exile, Gray.
foliosum, Watson. (L. Cal.)
Fremonti, Torr.
leptophyllum, Gray.
marrubioides, Dur. & Hilg.
Munroanum, Gray.
Palmeri, Watson.
rotundifolium, Gray.
Rugelii, Watson.
spicatum, Gray.
Thurberi, Gray.
tricuspidatum, Gray.
Wrightii, Gray.

MALVAVISCUS
Drummondii, T. & G.

MODIOLA
multifida, Mœnch.

NAPÆA
dioica, L.

PAVONIA
hastata, Cav.
lasiopetala, Scheele.
racemosa, Swartz.
spinifex, L.

SIDA
carpinifolia, L. f., var. brevicuspidata, Griseb.
ciliaris, L.
cordifolia, L.
cuneifolia, Gray.

Chirurgie moderne.

[illegible] Linnæan, Linnæ. Trans. Vol. xxii, 303,

[illegible] Montia, Linn. Trans. l.c.

diffusa, HBK.
Elliottii, T. & G.
fasciculata, T. & G.
filipes, Gray.
hederacea, Torr.
lepidota, Gray.
Lindheimeri, Eng. & Gray.
longipes, Gray.
Napæa, Cav.
physocalyx, Gray.
rhombifolia, L.
var. retusa, Griseb.
spinosa, L.
var. angustifolia, Griseb.
supina, L'Her.
tragiæfolia, Gray.

SIDALCEA
asprella, Greene.
calycosa, Jones.
campestris, Greene.
candida, Gray.
diploscypha, Gray.
glaucescens, Greene.
Hartwegi, Gray.
hirsuta, Gray.
malachroides, Gray.
malvæflora, Gray.
Neo-Mexicana, Gray.
Oregana, Gray.
spicata, Greene.

SPHÆRALCEA
acerifolia, Nutt.
angustifolia, St. Hil.
var. lobata, Watson.
Emoryi, Torr.
Fendleri, Gray.
var. dissecta, Watson.
hastulata, Gray.
Lindheimeri, Gray.
longisepala, Torr.

URENA
lobata, L.

WISSADULA
mucronulata, Gray.

STERCULIACEÆ.

AYENIA
microphylla, Gray.
pusilla, L.

FREMONTIA
Californica, Torr.

HERMANNIA
pauciflora, Watson.
Texana, Gray.

MELOCHIA
hirsuta, Cav.
pyramidata, L.
serrata, Benth.
tomentosa, L.

WALTHERIA
Americana, L.
detonsa, Gray.

TILIACEÆ.

CORCHORUS
pilolobus, Link.
siliquosus, L.

TILIA
Americana, L.
var. pubescens, Loud.
heterophylla, Vent.

TRIUMFETTA
semitriloba, L.

LINACEÆ.

LINUM
adenophyllum, Gray.
aristatum, Engelm.
Berlandieri, Hook.
Breweri, Gray.
Californicum, Benth.
congestum, Gray.
digynum, Gray.
drymarioides, Curran.
Greggii, Engelm. (Mex.)
Kingii, Watson.
micranthum, Gray.
multicaule, Hook.
Neo-Mexicanum, Greene.
perenne, L.
rigidum, Pursh.
var. puberulum, Engelm.
rupestre, Engelm.
spergulinum, Gray.
striatum, Walt.
sulcatum, Riddell.
usitatissimum, L.
Virginianum, L.
var. (?) Floridanum, Planch.
var. (?) Texanum, Planch.

MALPIGHIACEÆ.

ASPICARPA
hyssopifolia, Gray.
longipes, Gray.

BYRSONIMA
lucida, HBK.

GALPHIMIA
angustifolia, Benth.

HIRÆA
septentrionalis, Juss.
var. Coulteri, Gray.
sericea, Engelm. (Mex.)

JANUSIA
Californica, Benth. (L. Cal.)
gracilis, Gray.

MALPIGHIA
glabra, L.

ZYGOPHYLLACEÆ.

FAGONIA
Californica, Benth.

GUIACUM
Coulteri, Gray. (Mex.)
sanctum, L.
var. parvifolium, Nutt.

LARREA
Mexicana, Moric.

PORLIERIA
angustifolia, Gray.

SERICODES
Greggii, Gray. (Mex.)

TRIBULUS
Californicus, Wats. (L. Cal.)
cistoides, L.
grandiflorus, Benth. & Hook.
maximus, L.

GERANIACEÆ.

ERODIUM
Botrys, Bertol.
cicutarium, L'Her.
macrophyllum, Hook. & Arn.
moschatum, Willd.
Texanum, Gray.

FLŒRKEA
proserpinacoides, Willd.

GERANIUM
cæspitosum, James.
Carolinianum, L.
var. longipes, Watson.
columbinum, L.
dissectum, L.
erianthum, DC.
Fremonti, Torr.
var. Parryi, Engelm.
gracile, Engelm. (Mex.)
incisum, Nutt.
maculatum, L.
Mexicanum, HBK.
molle, L.
pusillum, L.
Richardsoni, Fisch. & Mey.
Robertianum, L.

IMPATIENS
fulva, Nutt.
pallida, Nutt.

LIMNANTHES
alba, Hartw.
Douglasii, R. Br.
rosea, Hartw.

OXALIS
Acetosella, L.
Berlandieri, Torr.
cornuculata, L.
var. stricta, Sav.
decaphylla, HBK.
dichondræfolia, Gray.
Drummondii, Gray.
Oregana, Nutt.
trilliifolia, Hook.
violacea, L.
Wrightii, Gray.

RUTACEÆ.

ASTROPHYLLUM
dumosum, Torr.

CANOTIA
holacantha, Torr.

CITRUS
vulgaris, Riss.

HELIETTA
parvifolia, Benth.

PEGANUM
Mexicanum, Gray.

PTELEA
angustifolia, Benth.
aptera, Parry. (L. Cal.)
Baldwinii, T. & G.
trifoliata, L.
var. mollis, T. & G.

RUTA
graveolens, L.

THAMNOSMA
montanum, Torr.
Texanum, Torr.

XANTHOXYLUM
Americanum, Mill.
Caribæum, Lam.
Clava-Herculis, L.
var. fruticosum, Gray.
Pterota, HBK.

SIMARUBEÆ.

AILANTHUS
glandulosus, Desf.

CASTELA
Nicholsonii, Hook.

CNEORIDIUM
dumosum, Hook. f.

HOLACANTHA
Emoryi, Gray.

KŒBERLINIA
spinosa, Zucc.

PICRAMNIA
pentandra, Swartz.

SIMARUBA
glauca, HBK.

SURIANA
maritima, L.

BURSERACEÆ.

AMYRIS
sylvatica, Jacq.
BURSERA
gummifera, Jacq.
Hindsiana, B. & H. (L. Cal.)
microphylla, Gray. (Mex.)

MELIACEÆ.

MELIA
Azedarach, L.

SWIETENIA
Mahogoni, L.

OLACINEÆ.

SCHŒPFIA
arborescens, Rœm. & Schult.

XIMENIA
Americana, L.

ILICINEÆ.

ILEX
ambigua, Chapm.
Amelanchier, M. A. Curtis.
Cassine, Walt.
Dahoon, Walt.
var. angustifolia, T. & G.
var. myrtifolia, Chapm.
decidua, Walt.
glabra, Gray.
lævigata, Gray.
lanceolata, Chapm.
lucida, T. & G.
mollis, Gray.
monticola, Gray.
opaca, Ait.
verticillata, Gray.
var. padifolia, T. & G.
var. tenuifolia, Torr.

NEMOPANTHES
Canadensis, DC.

CYRILLEÆ.

CLIFTONIA
nitida, Banks.

CYRILLA
racemiflora, L.

CELASTRACEÆ.

CELASTRUS
scandens, L.

EUONYMUS
Americanus, L.
var. angustifolius, Wood.
var. obovatus, T. & G.
var. sarmentosus, Nutt.

atropurpureus, Jacq.
occidentalis, Nutt.

HYPOCRATEA
ovata, Lam.

MAYTENUS
phyllanthoides, Benth.

MORTONIA
Greggii, Gray.
scabrella, Gray.
sempervirens, Gray.

MYGINDA
ilicifolia, L.
integrifolia, Lam.
latifolia, Swartz.
pallens, Smith.
Rhacoma, Swartz.

PACHYSTIMA
Canbyi, Gray.
Myrsinites, Raf.

SCHÆFFERIA
cuneifolia, Gray.
frutescens, Jacq.

RHAMNACEÆ.

ADOLPHIA
Californica, Watson.
infesta, Meisn.

BERCHEMIA
volubilis, DC.

CEANOTHUS
Americanus, L.
cordulatus, Kellogg.
crassifolius, Torr.
var. glabratus, Gray.
cuneatus, Nutt.
decumbens, Watson.
dentatus, T. & G.
divaricatus, Nutt.
var. eglandulosus, Torr.
var. grosse-serratus, Torr.
Fendleri, Gray.
floribundus, Hook.
Greggii, Gray.
hirsutus, Nutt.
var. glaber, Watson.
incanus, T. & G.
integerrimus, Hook. & Arn.
var. parvifolius, Watson.
microphyllus, Michx.
ovatus, Desf.
var. pubescens, T. & G.
papillosus, T. & G.
prostratus, Benth.
rigidus, Nutt.
sanguineus, Pursh.
serpyllifolius, Nutt.
sorediatus, Hook. & Arn.
spinosus, Nutt.
thyrsiflorus, Esch.
var. (?) macrothyrsus, Torr.
Veitchianus, Hook.
velutinus, Dougl.
var. lævigatus, T. & G.

COLUBRINA
ferruginosa, Brongn.
reclinata, Brongn.
Texensis, Gray.

CONDALIA
ferrea, Griseb.
Mexicana, Schlecht.
obovata, Hook.
spathulata, Gray.

GOUANIA
Domingensis, L.

KARWINSKIA
Humboldtiana, Zucc.

MICRORHAMNUS
ericoides, Gray.

REYNOSIA
latifolia, Griseb.

RHAMNUS
alnifolia, L'Her.
Californica, Esch.
var. tomentella, Br. & Wat.
cathartica, *L.*
Caroliniana, Walt.
crocea, Nutt.
lanceolata, Pursh.
Purshiana, DC.

SAGERETIA
Michauxii, Brongn.
Wrightii, Watson.

ZIZYPHUS
lycioides, Gray.
var. canescens, Gray.

obtusifolius, Gray.
Parryi, Torr.

VITACEÆ.

AMPELOPSIS
quinquefolia, Michx.

VITIS
acida, Chapm.
æstivalis, Michx.
var. (?) cinerea, Engelm.
var. monticola, Engelm.
arborea, L.
Arizonica, Engelm.
Californica, Benth.
candicans, Engelm.
Caribæa, DC.
cordifolia, Lam.
var. fœtida, Engelm.
incisa, Nutt.
indivisa, Willd.
Labrusca, L.
palmata, Vahl.
riparia, Michx.
rupestris, Scheele.
sicyoides, Benth. & Hook.
vulpina, L.

SAPINDACEÆ.

ACER
circinatum, Pursh.
dasycarpum, Ehrh.
glabrum, Torr.
grandidentatum, Nutt.
macrophyllum, Pursh.
Mexicanum, Gray. (Mex.)
Pennsylvanicum, L.
rubrum, L.
saccharinum, Wangenh.
var. Floridanum, Chapm.
var. nigrum, T. & G.
spicatum, Lam.

ÆSCULUS
arguta, Buckl.
Californica, Nutt.
flava, Ait.
var. purpurascens, Gray.
glabra, Willd.
parviflora, Walt.
Parryi, Gray. (L. Cal.)
Pavia, L.

CARDIOSPERMUM
Halicacabum, L.
var. microcarpum, Blume.
tortuosum, Benth. (L. Cal.)

DODONÆA
viscosa, L.

GLOSSOPETALON
spinescens, Gray.

HYPELATE
paniculata, Cambess.
trifoliata, Swartz.

NEGUNDO
aceroides, Mœnch.
Californicum, T. & G.

PAULLINIA
subalata, Gray.

SAPINDUS
marginatus, Willd.
Saponaria, L.

SERJANIA
incisa, Torr.
racemosa, Schum.

STAPHYLEA
Bolanderi, Gray.
trifolia, L.

UNGNADIA
speciosa, Endl.

URVILLEA
Mexicana, Gray.

ANACARDIACEÆ.

PISTACIA
Mexicana, HBK.

RHUS
aromatica, Ait.
var. trilobata, Gray.
copallina, L.
var. lanceolata, Gray.
var. leucantha, DC.
cotinoides, Nutt.
diversiloba, T. & G.
glabra, L.
var. laciniata, Carriere.
var. occidentalis, Torr.
integrifolia, Benth. & Hook.
laurina, Nutt.
Metopium, L.
microphylla, Engelm.

ovata, Watson.
pumila, Michx.
Toxicodendron, L.
var. microcarpon, Michx.
var. pubens, Engelm.
var. radicans, Torr.
typhina, L.
venenata, DC.
virens, Lindh.

SCHINUS
molle, L.

LEGUMINOSÆ.

ACACIA
amentacea, DC.
Berlandieri, Benth.
constricta, Benth.
crassifolia, Gray. (Mex.)
Emoryana, Benth.
Farnesiana, Willd.
filicina, Willd.
flexicaulis, Benth.
Greggii, Gray.
malacophylla, Benth.
millefolia, Watson.
Rœmeriana, Schlecht.
Schottii, Torr.
tortuosa, Willd.
Wrightii, Benth.

ÆSCHYNOMENE
hispida, Willd.
viscidula, Michx.

ALBIZZIA
Julibrissin, Durazz.

AMORPHA
Californica, Nutt.
canescens, Nutt.
var. glabrata, Gray.
var. leptostachya, Engelm.
fruticosa, L.
var. (?) angustifolia, Pursh.
var. (?) Caroliniana, Watson.
var. emarginata, Pursh.
herbacea, Walt.
lævigata, Nutt.
microphylla, Pursh.
paniculata, T. & G.

AMPHICARPÆA
monoica, Ell.
Pitcheri, T. & G.

APIOS
tuberosa, Mœnch.

ASTRAGALUS
aboriginum, Richard.
acutirostris, Watson.
adsurgens, Pall.
albens, Greene.
allochrous, Gray.
alpinus, L.
amphioxys, Gray.
ampullarius, Watson.
Andersonii, Gray.
aridus, Gray.
Antiselli, Gray.
Arizonicus, Gray.
arrectus, Gray.
artipes, Gray.
atratus, Watson.
Austinæ, Gray.
Beckwithii, T. & G.
bicristatus, Gray.
Bigelovii, Gray.
bisulcatus, Gray.
Bolanderi, Gray.
Bourgovii, Gray.
Brandegei, Porter.
Brazoensis, Buckl.
Breweri, Gray.
cæspitosus, Gray.
Californicus, Greene.
calycosus, Torr.
campestris, Gray.
Canadensis, L.
candicans, Greene.
candidissimus, Wats. (L. Cal.)
caryocarpus, Ker.
Casei, Gray.
castaneæformis, Watson.
Chamæleuce, Gray.
Clevelandi, Greene.
Cobrensis, Gray.
collinus, Dougl.
var. Californicus, Gray.
confertiflorus, Gray.
Congdoni, Watson.
conjunctus, Watson.
Cooperi, Gray.
Coulteri, Benth.

Crotalariæ, Gray.
var. virgatus, Gray.
Cusickii, Gray. Proc. xiii. 376.
curtipes, Gray.
debilis, Gray.
decumbens, Gray.
didymocarpus, Hook. & Arn.
diphysus, Gray.
dispermus, Gray. Proc. xiii. 365.
distortus, T. & G.
diurnus, Watson. Cont. xiii. 450.
Douglasii, Gray.
drepanolobus, Gray. Proc. xix. 74.
Drummondii, Dougl.
episcopus, Watson. Cont. v. 346.
eriocarpus, Watson.
fallax, Watson. Cont. xii. 362.
Fendleri, Gray. note. Cont. xii. 362.
flavus, Nutt.
var. candicans, Gray. Proc. xii. 84.
flexuosus, Dougl.
frigidus, Gray.
var. Americanus, Watson.
var. littoralis, Watson.
Geyeri, Gray.
Gibbsii, Kellogg.
giganteus, Watson. Cont. x. 370.
Gilensis, Greene. Jour. Bull. viii. 97.
glaber, Michx.
glabriusculus, Gray.
var. major, Gray.
glareosus, Dougl.
gracilentus, Gray.
gracilis, Nutt.
grandiflorus, Watson. Cont. x. 370.
Grayi, Parry.
Greenei, Gray. Proc. xvi. 105.
Hallii, Gray.
Hartwegi, Benth.
Haydenianus, Gray. Proc. xii. 56.
Hookerianus, Dietr.
Hornii, Gray. Proc. vii. 398.
Hosackiæ, Greene.
Howellii, Gray. Proc. xv. 46.
humillimus, Gray. Proc. xii. 57.
humistratus, Gray. Proc. xiii. 369.
hypoglottis, L.
hypoxylus, Watson. Cont. xi. 192.
inflexus, Dougl.
iodanthus, Watson.
jejunus, Watson.
junceus, Gray.
Kentrophyta, Gray.
var. elatus, Watson.
lancearius, Gray. Proc. xiii. 376.
Layneæ, Greene.
Lemmoni, Gray. Proc. viii. 626.
lentiformis, Gray.
lentiginosus, Dougl.
var. Fremonti, Watson.
leptaleus, Gray.
leptocarpus, T. & G.
leucophyllus, T. & G.
leucopsis, Torr.
Lindheimeri, Gray.
lonchocarpus, Torr.
lotiflorus, Hook.
var. brachypus, Gray. Proc. vi. 209.
Lyallii, Gray.
macrodon, Gray.
malacus, Gray. Proc. vii. 336.
Matthewsii, Watson. Cont. xi. 192.
megacarpus, Gray.
var. Parryi, Gray.
Menziesii, Gray.
Mexicanus, DC.
microcystis, Gray.
misellus, Watson. Cont. xiii. 449.
miser, Dougl.
Missouriensis, Nutt.
Mogollonicus, Greene. Jour. Bull. viii. 97.
Mohavensis, Watson. Cont. xii. 361.
Mokiacensis, Gray. Proc. xiii. 367.
mollissimus, Torr.
Mortoni, Nutt.
multiflorus, Gray.
Newberryi, Gray. Proc. xii.
nigrescens, Nutt.
nothoxys, Gray.
nudus, Watson.
Nuttallianus, DC.
var. canescens, T. & G.
var. trichocarpus, T. & G.
obcordatus, Ell.
obscurus, Watson.
oocarpus, Gray.
oophorus, Watson.
Oreganus, Nutt.
oroboides, Hornem., var. Americanus, Gray.
oxyphysus, Gray.
pachypus, Greene.

Palliseri, Gray.
Palmeri, Gray. Proc. vii. 398.
Parishii, Gray. Proc. xix. 75.
Parryi, Gray.
Pattersoni, Gray. Proc. xii. 55.
pauciflorus, Hook.
pectinatus, Dougl.
pictus, Gray.
var. filifolius, Gray.
Plattensis, Nutt.
var. Tennesseensis, Gray.
platytropis, Gray.
polaris, Benth.
porrectus, Watson.
Preusii, Gray. Proc. vi. 222. xvi. 369.
var. laxiflorus, Gray. Proc. xiii. 369.
procerus, Gray. Proc. xiii. 369.
procumbens, Watson. Cont. xii. 361.
pterocarpus, Watson.
pubentissimus, T. & G.
Pulsiferæ, Gray. Proc. x. 69.
Purshii, Dougl.
pycnostachyus, Gray.
racemosus, Pursh.
Rattani, Gray. Proc. xix. 75.
recurvus, Greene.
reflexus, T. & G.
reventus, Gray. Proc. xv. 46.
Reverchoni, Gray. Proc. xix. 74.
Robbinsii, Gray.
var. occidentalis, Watson.
Rusbyi, Greene. Cal. Ac. 1914. 1.
sabulonum, Gray. Proc. xiii. 368.
scaposus, Gray. Proc. xiii. 366.
sclerocarpus, Gray.
scopulorum, Porter.
sericoleucus, Gray.
serotinus, Gray.
sesquiflorus, Watson. Cont. v. 346.
Shortianus, Nutt.
simplicifolius, Gray.
Sonoræ, Gray.
Spaldingii, Gray.
sparsiflorus, Gray.
var. majusculus, Gray.
speirocarpus, Gray. Proc. vi. 225; xix. 75.
var. falciformis, Gray.
stenophyllus, T. & G.
subcinereus, Gray. Proc. xiii. 368.
succumbens, Dougl.
tegetarius, Watson.
var. implexus, Canby.
tener, Gray.
tephrodes, Gray.
terminalis, Watson. Cont. x. 379.
tetrapterus, Gray. Proc. xiii. 369.
Thompsonæ, Watson. Cont. v. 345.
Thurberi, Gray.
trichopodus, Gray.
tridactylicus, Gray.
triflorus, Gray.
triphyllus, Pursh.
tricarinatus, Gray.
triquetrus, Gray. Proc. xiii. 367.
troglodytus, Watson. Cont. xii. 362.
ursinus, Gray. Proc. xiii. 367.
Utahensis, T. & G.
vaccarum, Gray.
Vaseyi, Watson. Cont. x. 379.
ventorum, Gray.
vestitus, Watson. (L. Cal.)
villosus, Michx.
Wardi, Gray. Proc. xii. 55.
Webberi, Gray.
Whitneyi, Gray.
Wingatanus, Watson. Cont. xi. 192.
Wrightii, Gray.

BAPTISIA Canby, Bot. Gaz. iv. 129.

alba, R. Br.
australis, R. Br.
var. minor, T. & G.
calycosa, Canby. Bot. Gaz. iii. 65.
lanceolata, Ell.
var. uniflora, T. & G.
Lecontei, T. & G.
leucantha, T. & G.
leucophæa, Nutt.
var. lævicaulis, Gray.
megacarpa, Chapm.
microphylla, Nutt.
var. axillaris, Canby.
perfoliata, R. Br.
var. lobata, Canby.
Serenæ, Curtis.
simplicifolia, Croom.
sphærocarpa, Nutt.
sulphurea, Engelm.
tinctoria, R. Br.
villosa, Nutt.

BAUHINIA
lunarioides, Gray.

BRONGNIARTIA
minutifolia, Watson.

CÆSALPINIA
Bonduc, Benth. & Hook.
Mexicana, Gray. (Mex.)
pulcherrima, Swartz.

CALLIANDRA
Californica, Benth. (L. Cal.)
conferta, Benth.
eriophylla, Benth.
humilis, Benth.
reticulata, Gray.
Schottii, Torr.

CANAVALIA
obtusifolia, DC.

CASSIA
acutifolia, Gray.
armata, Watson.
Bahamensis, Mill.
bauhinioides, Gray.
biflora, L.
calycioides, DC.
Chamæcrista, L.
var. cinerea, T. & G.
Covesii, Gray.
grammica, Spreng.
Greggii, Gray.
leptocarpa, Benth.
ligustrina, L.
Lindheimeriana, Scheele.
Marylandica, L.
nictitans, L.
var. aspera, T. & G.
occidentalis, L.
procumbens, L.
pumilio, Gray.
Rœmeriana, Scheele.
Tora, L.
Wislizeni, Gray.
Wrightii, Gray.

CENTROSEMA
Plumieri, Benth.
Virginianum, Benth.
var. angustifolium, Griseb.

CERCIS
Canadensis, L.
occidentalis, Torr.
reniformis, Engelm.

CHAPMANIA
Floridana, T. & G.

CICER
arietinum, L.

CLADRASTIS
tinctoria, Raf.

CLITORIA
Mariana, L.

COLOGANIA
angustifolia, Kunth.
Lemmoni, Gray.
longifolia, Gray.
pulchella, HBK.

COURSETIA
microphylla, Gray.

CRACCA
Edwardsii, Gray.
sericea, Gray.
var. glabella, Gray.

CROTALARIA
incana, L.
lupulina, Raf.
maritima, Chapm.
ovalis, Pursh.
Pringlei, Gray.
pumila, Orteg.
Purshii, DC.
sagittalis, L.

CYTISUS
scoparius, Link.

DALEA
albiflora, Gray.
alopecuroides, Willd.
amœna, Watson.
arborescens, Torr.
argyræa, Gray.
aurea, Nutt.
brachystachys, Gray.
Californica, Watson.
calycosa, Gray.
canescens, Benth. (L. Cal.)
chrysorhiza, Gray. (L. Cal.)
divaricata, Benth. (L. Cal.)
Domingensis, DC.

Emoryi, Gray.
filiformis, Gray.
formosa, Torr.
Fremontii, Torr.
frutescens, Gray.
Greggii, Gray.
Hallii, Gray.
Jamesii, T. & G.
Johnsoni, Watson.
Kingii, Watson.
lachnostachya, Gray.
lævigata, Gray.
lanata, Spreng.
lasiathera, Gray.
laxiflora, Pursh.
Lemmoni, Parry.
leucostachys, Gray. (Mex.)
mollis, Benth.
var. Neo-Mexicana, Gray.
nana, Torr.
var. elatior, Gray.
Ordiæ, Gray.
Parryi, T. & G.
pogonathera, Gray.
polyadenia, Torr.
var. (?) subnuda, Watson.
polygonoides, Gray.
Pringlei, Gray.
pulchella, Moric.
ramosissima, Benth.
rubescens, Watson.
scariosa, Watson.
Schottii, Torr.
scoparia, Gray.
spinosa, Gray.
Wislizeni, Gray.
var. sessilis, Gray.
Wrightii, Gray.

DESMANTHUS

acuminatus, Benth.
brachylobus, Benth.
var. glandulosus, Engelm. & Gray.
depressus, Humb. & Bonpl.
Jamesii, T. & G.
var. Fendleri, Watson.
leptolobus, T. & G.
obtusus, Watson.
reticulatus, Benth.
velutinus, Scheele.
virgatus, Willd.

DESMODIUM

acuminatum, DC.
Arizonicum, Watson.
batocaulon, Gray.
Canadense, DC.
var. longifolium, T. & G.
canescens, DC.
var. villosissimum, T. & G.
ciliare, DC.
cinerascens, Gray.
cuspidatum, Hook.
Dillenii, Darlington.
Floridanum, Chapm.
glabellum, DC.
Grahami, Gray.
gramineum, Gray.
humifusum, Beck.
Illinoense, Gray.
lævigatum, DC.
lineatum, DC.
Marylandicum, Boott.
molle, DC.
Neo-Mexicanum, Gray.
var. Bigelovii, Watson.
nudiflorum, DC.
ochroleucum, Curtis.
paniculatum, DC.
var. angustifolium, T. & G.
var. pubens, T. & G.
pauciflorum, DC.
psilocarpum, Gray.
rigidum, DC.
rotundifolium, DC.
var. glabratum, Gray.
sessilifolium, T. & G.
spirale, DC.
strictum, DC.
tenuifolium, T. & G.
triflorum, DC.
tortuosum, DC.
uncinatum, DC.
viridiflorum, Beck.
Wislizeni, Engelm.
Wrightii, Gray.

DIOCLEA

Boykinii, Gray.

DOLICHOS

Lablab, L.

ECASTAPHYLLUM
Brownei, Pers.

ERVUM
Lens, L.

ERYTHRINA
Corallodendron, L.
coralloides, Moc. & Sesse.
herbacea, L.

EYSENHARDTIA
amorphoides, HBK.
orthocarpa, Watson.
spinosa, Engelm.

GALACTIA
brachypoda, T. & G.
canescens, Benth.
Cubensis, HBK.
Elliottii, Nutt.
filiformis, Benth.
Floridana, T. & G.
var. microphylla, Chapm.
glabella, Michx.
heterophylla, Gray.
marginalis, Benth.
mollis, Michx.
pilosa, Ell.
var. angustifolia, T. & G.
var. Macræi, T. & G.
sessiliflora, T. & G.
spiciformis, T. & G.
tephrodes, Gray.
Texana, Gray.
Wrightii, Gray.

GENISTA
tinctoria, L.

GLEDITSCHIA
monosperma, Walt.
triacanthos, L.
var. brachycarpos, Michx.
var. inermis, Pursh.

GLYCYRRHIZA
lepidota, Pursh.
var. glutinosa, Watson.

GYMNOCLADUS
Canadensis, Lam.

HEDYSARUM
boreale, Nutt.
Mackenzii, Richard.

HOFFMANSEGGIA
brachycarpa, Gray.
caudata, Gray.
drepanocarpa, Gray.
Drummondii, T. & G.
gladiata, Benth. (Mex.)
Jamesii, T. & G.
melanosticta, Gray.
microphylla, Torr.
oxycarpa, Benth.
platycarpa, Benth. (Mex.)
stricta, Benth.
var. demissa, Gray.

HOSACKIA
angustifolia, Don.
argophylla, Gray.
var. Fremonti, Gray.
bicolor, Dougl.
brachycarpa, Benth.
crassifolia, Benth.
cytisoides, Benth.
decumbens, Benth.
var. Nevadensis, Watson.
glabra, Torr.
var. diffusus, Gray.
gracilis, Benth.
grandiflora, Benth.
Heermanni, Dur. & Hilg.
incana, Torr.
juncea, Benth.
macrantha, Greene.
maritima, Nutt.
micrantha, Nutt.
mollis, Greene.
nana, Watson.
oblongifolia, Benth.
var. angustifolia, Watson.
parviflora, Benth.
procumbens, Greene.
prostrata, Nutt.
puberula, Benth.
Purshiana, Benth.
rigida, Benth.
sericea, Benth.
stipularis, Benth.
strigosa, Nutt.
subpinnata, T. & G.
tomentosa, Hook. & Arn.
Torreyi, Gray.
var. Nevadensis, Gray.
Wrightii, Gray.

INDIGOFERA
Anil, L.
Caroliniana, Walt.
leptosepala, Nutt.
Lindheimeriana, Scheele.
sphærocarpa, Gray.
tinctoria, L.

LATHYRUS
albus, Watson.
Bolanderi, Watson.
Californicus, Watson.
Cusickii, Watson.
Engelmanni, Bischof.
littoralis, Endl.
maritimus, Bigel.
Nevadensis, Watson.
Nuttallii, Watson.
ochroleucus, Hook.
ornatus, Nutt.
paluster, L.
var. angustifolius, Gray.
var. myrtifolius, Gray.
polymorphus, Nutt.
polyphyllus, Nutt.
pratensis, L.
pusillus, Ell.
sulphureus, Brewer.
Torreyi, Gray.
venosus, Muhl.
vestitus, Nutt.

LESPEDEZA
angustifolia, Ell.
capitata, Michx.
var. longifolia, T. & G.
var. sericea. Hook.
hirta, Ell.
var. angustifolia, Maxim.
leptostachya, Engelm.
repens, Barton.
reticulata, Pers.
var. angustifolia, Maxim.
striata, *Hook. & Arn.*
Stuvei, Nutt.
violacea, Pers.

LEUCÆNA
glauca, Benth.
retusa, Benth.

LUPINUS
affinis, Agardh.
albicaulis, Dougl.
var. Bridgesii, Watson.
Andersoni, Watson.
var. (?) Grayi, Watson.
arboreus, Sims.
arcticus, Watson.
argenteus, Pursh.
var. argophyllus, Watson.
var. decumbens, Watson.
aridus, Dougl.
var. Lobbii, Watson.
var. Utahensis, Watson.
Arizonicus, Watson.
barbiger, Watson.
brevicaulis, Watson.
Breweri, Gray.
Burkei, Watson.
cæspitosus, Nutt.
calcaratus, Kellogg.
Chamissonis, Esch.
var. longebracteatus, Wats.
var. longifolius, Watson.
citrinus, Kellogg.
concinnus, Agardh.
confertus, Kellogg.
densiflorus, Benth.
diffusus, Nutt.
Douglasii, Agardh.
flexuosus, Lindl.
gracilis, Agardh.
Grayi, Watson.
Havardi, Watson.
hirsutissimus, Benth.
holosericeus, Nutt.
var. Utahensis, Watson.
Kingii, Watson.
laxiflorus, Dougl.
lepidus, Dougl.
leptophyllus, Benth.
leucophyllus, Dougl.
littoralis, Dougl.
Ludovicianus, Greene.
luteolus, Watson.
Lyallii, Gray.
var. Danaus, Watson.
meionanthus, Gray.
micranthus, Dougl.
var. bicolor, Watson.
var. microphyllus, Watson.
microcarpus, Sims.

minimus, Dougl.
nanus, Dougl.
Nootkatensis, Donn.
var. Unalaskensis, Watson.
Nuttallii, Watson.
onustus, Watson.
ornatus, Dougl.
Palmeri, Watson.
parviflorus, Nutt.
perennis, L.
var. occidentalis, Watson.
Plattensis, Watson.
polyphyllus, Lindl.
pusillus, Pursh.
rivularis, Dougl.
var. latifolius, Watson.
Sabinii, Dougl.
sericeus, Pursh.
Sitgreavesii, Watson.
sparsiflorus, Benth.
Stiveri, Kellogg.
subcarnosus, Hook.
sulphureus, Dougl.
trifidus, Torr.
truncatus, Nutt.
uncialis, Watson.
villosus, Willd.
Wyethii, Watson.

LYSILOMA
latisiliqua, Benth.

MEDICAGO
denticulata, Willd.
intertexta, Willd.
lupulina, L.
maculata, Willd.
nigra, Willd.
sativa, L.

MELILOTUS
alba, Lam.
officinalis, Willd.
parviflora, Desf.

MIMOSA
acanthocarpa, Benth.
Berlandieri, Gray.
biuncifera, Benth.
borealis, Gray.
var. (?) Texana, Gray.
dysocarpa, Benth.
Emoryana, Benth.
flexuosa, Benth.
fragrans, Gray.
Grahami, Gray.
Lemmoni, Gray.
Lindheimeri, Gray.
malacophylla, Gray.
var. glabrata, Benth.
pudica, L.
strigillosa, T. & G.
Wrightii, Gray.
zygophylla, Benth.

NEPTUNIA
lutea, Benth.
oleracea, Lour.
pubescens, Benth.
tenuis, Benth.

NISSOLIA
Schottii, Gray.
Wislizeni, Gray.

OLNEYA
Tesota, Gray.

OXYTROPIS
arctica, R. Br.
campestris, L., var. cærulea, Koch.
deflexa, DC.
Lagopus, Nutt.
Lamberti, Pursh.
var. Bigelovii, Gray.
var. sericea, Gray.
leucantha, Pers.
Mertensiana, Turcz.
monticola, Gray.
multiceps, Nutt.
var. minor, Gray.
nana, Nutt.
nigrescens, Fisch.
var. arctobia, Gray.
oreophila, Gray.
Parryi, Gray.
podocarpa, Gray.
splendens, Dougl.
var. Richardsoni, Hook.
viscida, Nutt.

PARKINSONIA
aculeata, L.
florida, Watson.

microphylla, Torr.
Texana, Watson.
Torreyana, Watson.

PARRYELLA
filifolia, T. & G.

PETALOSTEMON
candidus, Michx.
var. multifoliatus, Gray.
carneus, Michx.
corymbosus, Michx.
decumbens, Nutt.
emarginatus, T. & G.
exilis, Gray.
flavescens, Watson.
foliosus, Gray.
gracilis, Nutt.
var. oligophyllus, Torr.
griseus, T. & G.
macrostachyus, Torr.
multiflorus, Nutt.
obovatus, T. & G.
ornatus, Dougl.
phleoides, T. & G.
var. microphyllus, Engelm. & Gray.
Reverchoni, Watson.
roseum, Nutt.
Sabinalis, Watson.
Searlsiæ, Gray.
tenuifolius, Gray.
villosus, Nutt.
violaceus, Michx.
var. pubescens, Gray.

PETERIA
scoparia, Gray.
Thompsonæ, Watson.

PHASEOLUS
acutifolius, Gray.
angustissimus, Gray.
atropurpureus, Moc.
diversifolius, Pers.
filiformis, Benth. (L. Cal.)
helvolus, L.
macropoides, Gray.
parvulus, Greene.
pauciflorus, Benth.
perennis, Walt.
retusus, Benth.
rotundifolius, Gray.
sinuatus, Nutt.
Wrightii, Gray.

PICKERINGIA
montana, Nutt.

PISCIDIA
Erythrina, L.

PITHECOLOBIUM
brevifolium, Benth.
dulce, Benth. (Mex.)
Unguis-Cati, Benth.

PROSOPIS
cinerascens, Benth.
juliflora, DC.
? heterophylla, Benth. (Mex.)
pubescens, Benth.

PSORALEA
argophylla, Pursh.
var. decumbens, Gray.
Californica, Watson.
campestris, Nutt.
canescens, Michx.
castorea, Watson.
cuspidata, Pursh.
cyphocalyx, Gray.
digitata, Nutt.
esculenta, Pursh.
fruticosa, Kellogg.
hypogæa, Nutt.
var. scaposa, Gray.
lanceolata, Pursh.
linearifolia, T. & G.
Lupinellus, Michx.
macrostachya, DC.
melilotoides, Michx.
mephitica, Watson.
micrantha, Gray.
multijuga, Ell.
Onobrychis, Nutt.
orbicularis, Lindl.
physodes, Dougl.
Reverchoni, Watson.
rhombifolia, T. & G.
simplex, Nutt.
stipulata, T. & G.
strobilina, Hook. & Arn.
subacaulis, T. & G.
tenuiflora, Pursh.
var. obtusiloba, Watson.
virgata, Nutt.

RHYNCHOSIA
Caribæa, DC.
galactioides, Endl.
latifolia, Nutt.
menispermoidea, DC.
minima, DC.
mollissima, Shuttlew.
Texana, T. & G.
var. angustifolia, Gray.
tomentosa, Hook. & Arn.
var. erecta, T. & G.
var. monophylla, T. & G.
var. volubilis, T. & G.

ROBINIA
hispida, L.
var. Elliottii, Chapm.
var. macrophylla, DC.
var. nana, Ell.
var. rosea, Pursh.
Neo-Mexicana, Gray.
Pseudacacia, L.
var. Decaisneana, Carriere.
viscosa, Vent.

SCHRANKIA
aculeata, Willd.
angustata, T. & G.
var. brachycarpa, Chapm.
platycarpa, Gray.
uncinata, Willd.

SESBANIA
Cavanillesii, Watson.
grandiflora, Poir.
macrocarpa, Muhl.
? Thurberi, Watson.
vesicaria, Ell.

SOPHORA
affinis, T. & G.
Arizonica, Watson.
secundiflora, Lag.
sericea, Nutt.
stenophylla, Gray.
tomentosa, L.

STYLOSANTHES
elatior, Swartz.

TEPHROSIA
ambigua, Chapm.
angustissima, Shuttlew.
chrysophylla, Pursh.
hispidula, Pers.
leiocarpa, Gray.
leptostachya, DC.
leucantha, HBK.
Lindheimeri, Gray.
onobrychoides, Nutt.
spicata, T. & G.
tenella, Gray.
Virginiana, Pers.
var. holosericea, T. & G.

THERMOPSIS
Californica, Watson.
Caroliniana, Curtis.
fraxinifolia, Curtis.
macrophylla, Hook. & Arn.
mollis, Curtis.
montana, Nutt.
rhombifolia, Richard.

TRIFOLIUM
agrarium, L.
altissimum, Dougl.
amphianthum, T. & G.
Andersoni, Gray.
andinum, Nutt.
arvense, L.
barbigerum, Torr.
var. Andrewsii, Gray.
Beckwithii, Brewer.
Bejariense, Moric.
bifidum, Gray.
Bolanderi, Gray.
Brandegei, Watson.
Breweri, Watson.
Carolinianum, Michx.
ciliatum, Nutt.
cyathiferum, Lindl.
dasyphyllum, T. & G.
depauperatum, Desv.
var. amplectens, Watson.
eriocephalum, Nutt.
fucatum, Lindl.
gracilentum, T. & G.
gymnocarpon, Nutt.
involucratum, Willd.
var. heterodon, Watson.
Kingii, Watson.
Lemmoni, Watson.
longipes, Nutt.
var. (?) brachypus, Watson.
var. (?) latifolium, Hook.

Macræi, Hook. & Arn.
var. dichotomum, Brewer.
medium, L.
megacephalum, Nutt.
microcephalum, Pursh.
microdon, Hook. & Arn.
monanthum, Gray.
nanum, Torr.
Parryi, Gray.
pauciflorum, Nutt.
Plummeræ, Watson.
plumosum, Dougl.
pratense, L.
procumbens, L.
var. minus, Koch.
reflexum, L.
repens, L.
stoloniferum, Muhl.
tridentatum, Lindl.
var. melananthum, Watson.
var. obtusiflorum, Watson.
Howellii Watson

VICIA
acutifolia, Ell.
Americana, Muhl.
var. linearis, Watson.
var. truncata, Brewer.
Caroliniana, Walter.
Cracca, L.
exigua, Nutt.
Floridana, Watson.
gigantea, Hook.
hirsuta, Koch
Leavenworthii, T. & G.
leucophæa, Greene.
Ludoviciana, Nutt.
micrantha, Nutt.
pulchella, HBK.
Reverchoni, Watson.
sativa, L.
var. angustifolia, Ser.
tetrasperma, Loisel.

VIGNA
luteola, Benth.
var. angustifolia, Watson.

WISTARIA
frutescens, Poir.
var. macrostachya, T. & G.

ZORNIA
diphylla, Pers., var. reticulata, Benth.
tetraphylla, Michx.

ROSACEÆ.

ACÆNA
trifida, Ruiz & Pav.

ADENOSTOMA
fasciculatum, Hook. & Arn.
var. obtusifolium, Watson.
sparsifolium, Torr.

AGRIMONIA
Eupatoria, L.
var. parviflora, Hook.
incisa, T. & G.
parviflora, Ait.

ALCHEMILLA
alpina, L.
arvensis, Scop.
vulgaris, L.

AMELANCHIER
alnifolia, Nutt.
Canadensis, T. & G.
var. (?) oblongifolia, T. & G.
var. (?) oligocarpa, T. & G.
var. rotundifolia, T. & G.

CERCOCARPUS
breviflorus, Gray.
fothergilloides, HBK.
intricatus, Watson.
ledifolius, Nutt.
parvifolius, Nutt.
var. glaber, Watson.

CHAMÆBATIA
foliolosa, Benth.

CHAMÆRHODOS
erecta, Bunge.
var. Nuttallii, T. & G.

CHRYSOBALANUS
Icaco, L.
oblongifolius, Michx.

COLEOGYNE
ramosissima, Torr.

COWANIA
ericæfolia, Torr.

Havardi, Watson.
Mexicana, D. Don.
plicata, D. Don.

CRATÆGUS
æstivalis, T. & G.
apiifolia, Michx.
arborescens, Ell.
berberifolia, T. & G.
brachyacantha, Sarg. & Eng.
coccinea, L.
var. oligandra, T. & G.
var. populifolia, T. & G.
var. viridis, T. & G.
cordata, Ait.
Crus-galli, L.
var. linearis, DC.
var. ovalifolia, Lindl.
var. prunifolia, T. & G.
var. pyracanthifolia, Ait.
Douglasii, Lindl.
flava, Ait.
var. pubescens, Gray.
Oxyacantha, L.
parvifolia, Ait.
Pyracantha, Pers.
rivularis, Nutt.
spathulata, Michx.
subvillosa, Schrad.
tomentosa, L.
var. punctata, Gray.
var. pyrifolia, Gray.

DALIBARDA
repens, L.

DRYAS
octopetala, L.
var. Drummondii, Watson.
var. integrifolia, Ch. & Sch.

FALLUGIA
paradoxa, Endl.

FRAGARIA
Californica, Cham. & Schl.
Chilensis, Duchesne.
var. Scouleri, Hook.
Indica, Andr.
vesca, L.
Virginiana, Duchesne.
var. glauca, Watson.
var. Illinoensis, Gray.

GEUM
album, Gmel.
anemonoides, Willd.
calthifolium, Menzies.
var. congestum, T. & G.
var. rotundifolium, T. & G.
geniculatum, Michx.
glaciale, Fisch.
macrophyllum, Willd.
radiatum, Michx.
var. Peckii, Gray.
rivale, L.
Rossii, Ser.
var. humile, T. & G.
strictum, Ait.
triflorum, Pursh.
urbanum, L., subsp. Oregonense, Scheutz.
vernum, T. & G.
Virginianum, L.

GILLENIA
stipulacea, Nutt.
trifoliata, Mœnch.

HETEROMELES
arbutifolia, Rœm.

HORKELIA
Bolanderi, Gray.
var. Parryi, Watson.
Californica, Cham. & Schl.
var. cuneata, Gray.
var. sericea, Gray.
capitata, Lindl.
congesta, Dougl.
fusca, Lindl.
var. tenella, Watson.
purpurascens, Watson.
sericata, Watson.
tenuiloba, Gray.
tridentata, Torr.

IVESIA
Baileyi, Watson.
var. setosa, Watson.
depauperata, Gray.
Gordoni, T. & G.
var. lycopodioides, Watson.
var. pygmæa, Watson.
gracilis, T. & G.
Kingii, Watson.

Lemmoni, Watson.
Muirii, Gray.
Pickeringii, Torr.
pinnatifida, Watson.
santolinoides, Gray.
unguiculata, Gray.
Utahensis, Watson.
Webberi, Gray.

LYONOTHAMNUS
asplenifolius, Greene.
floribundus, Gray.

NEILLIA
opulifolia, Benth. & Hook.
var. ferruginea, Watson.
var. mollis, Brew. & Wats.
Torreyi, Watson.

NEVIUSIA
Alabamensis, Gray.

NUTTALLIA
cerasiformis, T. & G.

PERAPHYLLUM
ramosissimum, Nutt.

PIRUS
Americana, DC.
var. microcarpa, T. & G.
angustifolia, Ait.
arbutifolia, L. f.
var. macrophylla, Hook.
var. melanocarpa, Hook.
coronaria, L.
rivularis, Dougl.
var. lævigata, Engelm.
sambucifolia, Cham. & Schl.

POTENTILLA
Anserina, L.
var. grandis, Lehm.
var. Grœnlandica, Tratt.
argentea, L.
arguta, Pursh.
var. ferruginea, Lehm.
biflora, Willd.
brevifolia, Nutt.
Breweri, Watson.
var. expansa, Watson.
Canadensis, L.
var. simplex, T. & G.
crinita, Gray.
dissecta, Pursh.
var. (?) decurrens, Watson.
var. glaucophylla, Lehm.
var. multisecta, Watson.
effusa, Dougl.
var. gossypina, T. & G.
emarginata, Pursh.
fragiformis, Willd.
var. villosa, Reg. & Tiling.
frigida, Villars.
fruticosa, L.
var. parvifolia, Watson.
gelida, C. A. Meyer.
glandulosa, Lindl.
var. incisa, Lindl.
var. Nevadensis, Watson.
gracilis, Dougl.
var. fastigiata, Watson.
var. flabelliformis, T. & G.
var. rigida, Watson.
Grayi, Watson.
Hippiana, Lehm.
var. pulcherrima, Watson.
Hookeriana, Lehm.
humifusa, Nutt.
maculata, Pourret.
nemoralis, Nestler.
nivea, L.
var. dissecta, Watson.
var. macrophylla, Lehm.
var. pentaphylla, Lehm.
var. prostrata, Lehm.
var. Vahliana, Seem.
Norvegica, L.
var. hirsuta, T. & G.
palustris, Scop.
Pennsylvanica, L.
var. arachnoidea, Lehm.
var. bipinnatifida, T. & G.
var. glabrata, Watson.
var. strigosa, Pursh.
Plattensis, Nutt.
pulchella, R. Br.
rivalis, Nutt.
var. millegrana, Watson.
var. pentandra, Watson.
subviscosa, Greene.
supina, L.
var. Nicolletii, Watson.
Thurberi, Gray.
tridentata, Sol.
Wheeleri, Watson.

POTERIUM
annuum, Nutt.
Canadense, Benth. & Hook.
officinale, Benth. & Hook.
Sanguisorba, *L.*
Sitchense, Watson.

PRUNUS
Alleghaniensis, Porter.
Americana, Marsh.
var. mollis, T. & G.
Andersoni, Gray.
Armeniaca, *L.*
Capuli, Cav.
Caroliniana, Ait.
Chicasa, Michx.
demissa, Walp.
domestica, *L.*
emarginata, Walp.
var. mollis, Brewer.
fasciculata, Gray.
Fremonti, Watson.
glandulosa, T. & G.
gracilis, Engelm. & Gray.
ilicifolia, Walp.
maritima, Wangenh.
minutiflora, Engelm.
Pennsylvanica, L. f.
pumila, L.
rivularis, Scheele.
serotina, Ehrh.
spinosa, *L.*
var. insititia, *Gray.*
subcordata, Benth.
umbellata, Ell.
Virginiana, L.

PURSHIA
glandulosa, Curran.
tridentata, DC.

ROSA
acicularis, Lindl.
Arkansana, Porter.
blanda, Ait.
bracteata, *Wendl.*
Californica, Cham. & Schl.
canina, *L.*
Carolina, L.
Fendleri, Crepin.
foliolosa, Nutt.
gymnocarpa, Nutt.
var. pubescens, Watson.
humilis, Marsh.
lævigata, *Michx.*
lucida, Ehrh.
minutifolia, Eng. (L. Cal.)
multiflora, *Thunb.*
nitida, Willd.
Nutkana, Presl.
pisocarpa, Gray.
rubiginosa, *L.*
Sayi, Schw.
setigera, Michx.
var. tomentosa, T. & G.
Woodsii, Lindl.

RUBUS
articus, L.
var. grandiflorus, Ledeb.
Canadensis, L.
Chamæmorus, L.
cuneifolius, Pursh.
deliciosus, James.
hispidus, L.
var. setosus, T. & G.
leucodermis, Dougl.
neglectus, Peck.
Nutkanus, Moc.
var. Nuttallii, T. & G.
var. velutinus, Brewer.
nivalis, Dougl.
occidentalis, L.
odoratus, L.
pedatus, Smith.
saxatilis, L.
spectabilis, Pursh.
var. Menziesii, Watson.
stellatus, Smith.
strigosus, Michx.
triflorus, Richard.
trilobus, Moc.
trivialis, Michx.
ursinus, Cham. & Schlecht.
villosus, Ait.
var. frondosus, Torr.
var. humifusus, T. & G.

SIBBALDIA
procumbens, L.

SPIRÆA
Aruncus, L.
betulifolia, Pallas.
var. rosea, Gray.
cæspitosa, Nutt.
var. elatior, Watson.
Douglasii, Hook.
var. Menziesii, Presl.
var. Nobleana, Watson.
discolor, Pursh.
var. ariæfolia, Watson.
var. dumosa, Watson.
lobata, Jacq.
Kamtschatica, Pallas.
Millefolium, Torr.
occidentalis, Watson.
pectinata, T. & G.
salicifolia, L.
tomentosa, L.

VAUQUELINIA
Torreyi, Watson.

WALDSTEINIA
fragarioides, Tratt.
lobata, T. & G.

SAXIFRAGACEÆ.

ASTILBE
decandra, D. Don.

BOLANDRA
Californica, Gray.
Oregana, Watson.

BOYKINIA
aconitifolia, Nutt.
major, Gray.
occidentalis, T. & G.
Richardsoni, Gray.
rotundifolia, Parry.

CARPENTERIA
Californica, Torr.

CHRYSOSPLENIUM
alternifolium, L.
Americanum, Schw.
glechomæfolium, Nutt.

DECUMARIA
barbara, L.

FENDLERA
rupicola, Engelm. & Gray.
var. Wrightii, Gray.

HEUCHERA
Americana, L.
bracteata, Ser.
Curtisii, Gray.
cylindrica, Dougl.
var. alpina, Watson.
glabra, Willd.
Hallii, Gray.
hispida, Pursh.
micrantha, Dougl.
parvifolia, Nutt.
pilosissima, Fisch. & Mey.
pubescens, Pursh.
racemosa, Watson.
rubescens, Torr.
Rugelii, Shuttlew.
sanguinea, Engelm.
villosa, Michx.

HYDRANGEA
arborescens, L.
var. cordata, T. & G.
quercifolia, Bartram.
radiata, Walter.

ITEA
Virginica, L.

JAMESIA
Americana, T. & G.

LEPTARRHENA
pyrolifolia, R. Br.

LEPUROPETALON
spathulatum, Ell.

MITELLA
Breweri, Gray.
caulescens, Nutt.
diphylla, L.
nuda, L.
var. (M. prostrata, Michx.)
pentandra, Hook.
trifida, Graham.

PARNASSIA
asarifolia, Vent.
Caroliniana, Michx.
var. (P. grandifolia, DC.)
fimbriata, Koenig.
Kotzebuei, Cham. & Schl.
palustris, L.
var. Californica, Gray.
parviflora, DC.

PHILADELPHUS

coronarius, L.
Gordonianus, Lindl.
grandiflorus, Willd.
var. floribundus, T. & G.
var. laxus, T. & G.
hirsutus, Nutt.
inodorus, L.
Lewisii, Pursh.
var. Californicus, Gray.
microphyllus, Gray.
serpyllifolius, Gray.

RIBES

ambiguum, Watson.
aureum, Pursh.
var. tenuiflorum, Torr.
bracteosum, Dougl.
cereum, Dougl.
var. pedicellare, Gray.
Cynosbati, L.
divaricatum, Dougl.
var. irriguum, Gray.
floridum, L'Her.
gracile, Michx.
Hudsonianum, Richard.
var. (R. petiolare, Dougl.)
lacustre, Poir.
var. molle, Gray.
var. parvulum, Gray.
~~lasiococcus, Gray~~ *Rubus lasiococcus*,
laxiflorum, Pursh.
leptanthum, Gray.
var. brachyanthum, Gray.
Lobbii, Gray.
Mogollonicum, Greene.
Menziesii, Pursh.
oxyacanthoides, L.
pinetorum, Greene.
prostratum, L'Her.
quercetorum, Greene.
resinosum, Pursh.
rotundifolium, Michx.
rubrum, L., var. subglandulosum, Maxim.
Rusbyi, Greene.
sanguineum, Pursh.
var. glutinosum, Gray.
var. malvaceum, Gray.
var. variegatum, Watson.
setosum, Lindl.
speciosum, Pursh.
tortuosum, Benth.
viscosissimum, Pursh.

SAXIFRAGA

adscendens, L.
azoides, L.
Aizoon, Jacq.
bronchialis, L.
var. cherlerioides, Engler.
bryophora, Gray.
cæspitosa, L.
var. Grœnlandica, Wahl.
var. Sternbergii, Regel.
var. uniflora, Hook.
Careyana, Gray.
Caroliniana, Gray.
cernua, L.
chrysantha, Gray.
debilis, Engelm.
elegans, Nutt.
eriophora, Watson.
erosa, Pursh.
Eschscholtzii, Sternb.
exilis, Stephan.
flagellaris, Willd.
Forbesii, Vasey.
fragarioides, Greene.
hieracifolia, Waldst. & Kit.
Hirculus, L.
integrifolia, Hook.
Jamesii, Torr.
leucanthemifolia, Michx.
var. Brunoniana, T. & G.
var. ferruginea, T. & G.
Lyalli, Engler.
Mertensiana, Bong.
nivalis, L.
var. tenuis, Wahl.
nudicaulis, Don.
oppositifolia, L.
Parryi, Gray.
peltata, Torr.
Pennsylvanica, L.
punctata, L.
var. acutidentata, Engler.
var. nana, Gray.
ranunculifolia, Hook.
reflexa, Hook.
rivularis, L.
var. hyperborea, Hook.
var. Laurentiana, Engler.
serpyllifolia, Pursh.
sileniflora, Sternb.

stellaris, L.
var. comosa, Poir.
Tolmæi, T. & G.
tricuspidata, Retz.
var. micrantha, Sternb.
Unalaschensis, Sternb.
Virginiensis, Michx.

SUKSDORFIA
violacea, Gray.

SULLIVANTIA
Ohionis, T. & G.
Oregana, Watson.

TELLIMA
affinis, Boland.
Bolanderi, Boland.
Cymbalaria, Walp.
grandiflora, R. Br.
heterophylla, Hook. & Arn.
parviflora, Hook.
tenella, Walp.

TIARELLA
cordifolia, L.
trifoliata, L.
unifoliata, Hook.
var. procera, Gray.

TOLMIEA
Menziesii, T. & G.

WHIPPLEA
modesta, Torr.
Utahensis, Watson.

CRASSULACEÆ.

COTYLEDON
cæspitosa, Haworth.
edulis, Brewer.
farinosa, Benth. & Hook.
Grayi, Baker. (Mex.)
lanceolata, Benth. & Hook.
laxa, Benth. & Hook.
Lingula, Watson.
Nevadensis, Watson.
Oregonensis, Watson.
Palmeri, Watson.
Peacockii, Baker.
pulverulenta, Benth. & Hook.
Rusbyi, Greene.
strictiflora, Baker.
viscida, Watson.

DIAMORPHA
pusilla, Nutt.

PENTHORUM
sedoides, L.

SEDUM
acre, L.
annuum, Watson.
debile, Watson.
divaricatum, Watson.
divergens, Watson.
Douglasii, Hook.
Meehani, Gray.
Nevii, Gray.
obtusatum, Gray.
Oreganum, Nutt.
pulchellum, Michx.
pumilum, Benth.
pusillum, Michx.
radiatum, Watson.
rhodanthum, Gray.
Rhodiola, DC.
spathulifolium, Hook.
stelliforme, Watson.
stenopetalum, Pursh.
telephioides, Michx.
Telephium, L.
ternatum, Michx.
Torreyi, Don.
variegatum, Watson.
villosum, L.
Wrightii, Gray.

SEMPERVIVUM
tectorum, L.

TILLÆA
angustifolia, Nutt.
var. (?) Bolanderi, Watson.
Drummondii, T. & G.
minima, Miers.
var. subsimplex, Watson.
peduncularis, Smith.
simplex, Nutt.

DROSERACEÆ.

DIONÆA
muscipula, Ellis.

DROSERA
Anglica, Hudson.
brevifolia, Pursh.

capillaris, Poir.
filiformis, Raf.
intermedia, Drev. & Hayne.
var. Americana, DC.
linearis, Goldie.
rotundifolia, L.

HAMAMELACEÆ.

FOTHERGILLA
Gardeni, L.

HAMAMELIS
Virginiana, L.
var. parvifolia, Nutt.

LIQUIDAMBAR
Styraciflua, L.

HALORAGEÆ.

HIPPURIS
maritima, Hellenius.
montana, Ledeb.
vulgaris, L.

MYRIOPHYLLUM
alterniflorum, DC.
ambiguum, Nutt.
var. capillaceum, T. & G.
var. limosum, Torr.
heterophyllum, Michx.
hippuroides, Nutt.
laxum, Shuttlew.
scabratum, Michx.
spicatum, L.
tenellum, Bigel.
verticillatum, L.

PROSERPINACA
palustris, L.
pectinata, Lam.

RHIZOPHORACEÆ.

RHIZOPHORA
Mangle, L.

COMBRETACEÆ.

CONOCARPUS
erectus, L.
var. sericeus, Forst.

LAGUNCULARIA
racemosa, Gærtn.

TERMINALIA
Catappa, L.

MYRTACEÆ.

CALYPTRANTHES
Chytraculia, Swartz.

EUGENIA
buxifolia, Willd.
Cabanisiana, Berg.
dichotoma, DC.
dicrana, Berg.
longipes, Berg.
monticola, DC.
procera, Poir.

PSIDIUM
buxifolium, Nutt.
Guayava, *Raddi*.

MELASTOMACEÆ.

RHEXIA
ciliosa, Michx.
glabella, Michx.
var. (R. Alifanus, Walt)
lanceolata, Walt.
lutea, Walt.
Mariana, L.
serrulata, Nutt.
stricta, Pursh.
Virginica, L.

LYTHRACEÆ.

AMMANNIA
dentifera, Gray.
humilis, Michx.
var. (A. purpurea, Lam.)
latifolia, L.
Wrightii, Gray.

CUPHEA
aspera, Chapm.
glutinosa, Cham. & Schlecht.
viscosissima, Jacq.
Wrightii, Gray.

DIDIPLIS
linearis, Raf.

LYTHRUM
alatum, Pursh.
var. lanceolatum, T. & G.
var. linearifolium, Gray.
var. ovalifolium, Gray.
var. pumilum, Gray.
breviflorum, Watson.
Hyssopifolia, L.

lineare, L.
Salicaria, L.

NESÆA
longipes, Gray.
salicifolia, HBK.
verticillata, HBK.

ONAGRACEÆ.

BOISDUVALIA
densiflora, Watson.
glabella, Walp.
Torreyi, Watson.

CIRCÆA
alpina, L.
Lutetiana, L.
Pacifica, Asch. & Mag.

CLARKIA
elegans, Lindl.
pulchella, Pursh.
rhomboidea, Dougl.
Xantiana, Gray.

EPILOBIUM
affine, Bong.
alpinum, L.
var. nutans, Lehm.
anagallidifolium, Lam.
brevistylum, Barbey.
coloratum, Muhl.
Franciscanum, Barbey.
glaberrimum, Barbey.
var. latifolium, Barbey.
hirsutum, L.
jucundum, Gray.
latifolium, L.
luteum, Pursh.
minutum, Lindl.
var. foliosum, T. & G.
molle, Torr.
obcordatum, Gray.
opacum, Lehm.
origanifolium, Lam.
palustre, L.
var. lineare, Gray.
paniculatum, Nutt.
roseum, Schreb.
spicatum, Lam.
suffruticosum, Nutt.
tetragonum, L.
var. glandulosum, T. & G.
Watsoni, Barbey.
glaucum Howell MS. List: 82 p. 3.

EUCHARIDIUM
Breweri, Gray.
concinnum, Fisch. & Mey.

EULOBUS
Californicus, Nutt.

GAURA
angustifolia, Michx.
biennis, L.
coccinea, Nutt.
var. glabra, T. & G.
var. integerrima, Torr.
var. parvifolia, T. & G.
Drummondii, T. & G.
filipes, Spach.
var. major, T. & G.
fruticulosa, Benth. (L. Cal.)
Lindheimeri, Eng. & Gray.
longiflora, Spach.
macrocarpa, Roth.
parviflora, Dougl.
sinuata, Nutt.
suffulta, Engelm.
tripetala, Cav.
villosa, Torr.

GAYOPHYTUM
diffusum, T. & G.
pumilum, Watson.
racemosum, T. & G.
ramosissimum, T. & G.
var. deflexum, Hook.

GODETIA
albescens, Lindl.
amœna, Lilja.
biloba, Watson.
Bottæ, Spach.
epilobioides, Watson.
grandiflora, Lindl.
hispidula, Watson.
lepida, Lindl.
var. Arnottii, Watson.
var. parviflora, Watson.
purpurea, Watson.
quadrivulnera, Spach.
Romanzovii, Spach.
tenella, Watson.
viminea, Spach.
var. intermedia, Kellogg.
Williamsonii, Watson.

HETEROGAURA
Californica, Rothr.

JUSSIÆA
decurrens, DC.
octonervia, Lam.
Peruviana, L.
pilosa, HBK.
repens, L.
var. Californica, Watson.
var. grandiflora, Micheli.

ŒNOTHERA
albicaulis, Nutt.
var. brevifolia, Engelm.
var. (?) decumbens, Watson.
var. runcinata, Engelm.
alyssoides, Hook. & Arn.
var. minutiflora, Watson.
var. villosa, Watson.
ambigua, Watson.
andina, Nutt.
arborea, Kellogg. (L. Cal.)
biennis, L.
var. canescens, T. & G.
var. cruciata, T. & G.
var. grandiflora, Lindl.
var. hirsutissima, Gray.
var. muricata, Lindl.
bistorta, Nutt.
var. (?) Veitchiana, Hook.
Boothii, Dougl.
brachycarpa, Gray.
breviflora, T. & G.
brevipes, Gray.
var. parviflora, Watson.
cæspitosa, Nutt.
Californica, Watson.
canescens, Torr.
cardiophylla, Torr.
chamænerioides, Gray.
cheiranthifolia, Hornem.
var. suffruticosa, Watson.
coronopifolia, T. & G.
dentata, Cav.
var. cruciata, Watson.
Drummondii, Hook.
Fremonti, Watson.
fruticosa, L.
var. ambigua, Nutt.
var. hirsuta, Nutt.
var. humifusa, Allen.
var. incana, Hook.
var. linearis, Watson.
var. phyllopus, Hook.
gauræflora, T. & G.
glauca, Michx.
var. Fraseri, T. & G.
graciliflora, Hook. & Arn.
Greggii, Gray.
Hartwegi, Benth.
var. Fendleri, Gray.
var. lavandulæfolia, Wats.
Havardi, Watson.
heterantha, Nutt.
var. (?) taraxacifolia, Wats.
heterochroma, Watson.
heterophylla, Spach.
Hilgardi, Greene.
humifusa, Nutt.
Jamesii, T. & G.
Johnsoni, Watson.
linifolia, Nutt.
macrosceles, Gray. (Mex.)
micrantha, Hornem.
Missouriensis, Sims.
var. incana, Gray.
var. latifolia, Gray.
multijuga, Watson.
Nuttallii, T. & G.
Oakesiana, Robbins.
ovata, Nutt.
Palmeri, Watson.
Parryi, Watson.
pinnatifida, Nutt.
primiveris, Gray.
pterosperma, Watson.
pumila, L.
refracta, Watson.
rhombipetala, Nutt.
rosea, Ait.
scapoidea, Nutt.
var. aurantiaca, Watson.
var. purpurascens, Watson.
serrulata, Nutt.
var. Douglasii, T. & G.
var. Drummondii, T. & G.
var. pinifolia, Engelm.
var. spinulosa, T. & G.
sinuata, L.
var. grandiflora, Watson.
var. hirsuta, T. & G.
var. minima, Nutt.
Spachiana, T. & G.
speciosa, Nutt.

strigulosa, T. & G.
var. pubens, Watson.
trichocalyx, Nutt.
triloba, Nutt.
var. (?) parviflora, Watson.
tubicula, Gray.
Wrightii, Gray.

LUDWIGIA
alata, Ell.
alternifolia, L.
arcuata, Walter.
capitata, Michx.
Curtissii, Chapm.
cylindrica, Ell.
var. (?) brachycarpa, T. & G.
hirtella, Raf.
lanceolata, Ell.
linearis, Watson.
var. puberula, Eng. & Gr.
linifolia, Poir.
microcarpa, Michx.
natans, Ell.
palustris, Ell.
pilosa, Walter.
polycarpa, Short & Peter.
spathulata, T. & G.
sphærocarpa, Ell.
virgata, Michx.

STENOSIPHON
virgatum, Spach.

ZAUSCHNERIA
Californica, Presl.
var. microphylla, Gray.

LOASACEÆ.

CEVALLIA
sinuata, Lag.

EUCNIDE
bartonioides, Zucc.
lobata, Gray.
urens, Parry.

MENTZELIA
adherens, Benth. (L. Cal.)
albicaulis, Dougl.
aspera, L.
Brandegei, Watson.
chrysantha, Engelm.
congesta, T. & G.
cordata, Kellogg. (L. Cal.)
dispersa, Watson.
Floridana, Nutt.
gracilenta, T. & G.
hirsutissima, Watson. (L. Cal.)
involucrata, Watson.
lævicaulis, T. & G.
Lindleyi, T. & G.
micrantha, T. & G.
multiflora, Gray.
nuda, T. & G.
oligosperma, Nutt.
ornata, T. & G.
pumila, T. & G.
Torreyi, Gray.
tricuspis, Gray.
Wrightii, Gray.

PETALONYX
nitidus, Watson.
Thurberi, Gray.

SYMPETALEIA
aurea, Gray.

TURNERACEÆ.

TURNERA
Caroliniana, Watson.

PASSIFLORACEÆ.

CARICA
Papaya, L.

PASSIFLORA
affinis, Engelm.
filipes, Benth. (Mex.)
fœtida, L.
inamœna, Gray.
incarnata, L.
lutea, L.
Mexicana, Juss.
multiflora, L.
suberosa, L.
var. angustifolia, Masters.
var. pallida, Masters.
tenuiloba, Engelm.

CUCURBITACEÆ.

APODANTHERA
? undulata, Gray.

CITRULLUS
vulgaris, Schrad.

CUCUMIS
Anguria, L.
Melo, L., var. Texanus, Naud.

CUCURBITA
Californica, Torr.
digitata, Gray.
fœtidissima, HBK.
palmata, Watson.
Pepo, L.
Texana, Gray.
verrucosa, L.

CYCLANTHERA
dissecta, Arn.

ECHINOCYSTIS
Bigelovii, Congx.
Coulteri, Congx.
lobata, T. & G.
? parviflora, Watson.
Wrightii, Congx.

LAGENARIA
vulgaris, Ser.

LUFFA
acutangula, Roxb.

MAXIMOWICZIA
Lindheimeri, Congx.
tripartita, Congx.

MEGARRHIZA
Californica, Torr.
exilis, Greene.
Gilensis, Greene.
Marah, Watson.
muricata, Watson.
Oregana, Torr.

MELOTHRIA
grandifolia, T. & G.
pendula, L.

MOMORDICA
balsamina, L.
Charantia, L.

SICYOS
angulatus, L.
Deppei, Don.
parviflorus, Willd.

SICYOSPERMA
gracile, Gray.

TRIANOSPERMA
Boykinii, Rœm.

DATISCACEÆ.

DATISCA
glomerata, Benth. & Hook.

CACTACEÆ.

ANHALONIUM
fissuratum, Engelm.

CEREUS
adustus, Engelm. (Mex.)
Berlandieri, Engelm.
cæspitosus, Engelm.
var. castaneus, Engelm.
chloranthus, Engelm.
conoideus, Bigel.
ctenoides, Engelm.
dasyacanthus, Engelm.
dubius, Engelm.
Emoryi, Engelm.
Engelmanni, Parry.
var. chrysocentrus, E. & B.
var. variegatus, Eng. & Big.
enneacanthus, Engelm.
Fendleri, Engelm.
giganteus, Engelm.
gonacanthus, Eng. & Big.
Greggii, Engelm.
var. transmontanus, Eng.
hexaedrus, Eng. & Big.
longisetus, Eng.
Mohavensis, Eng. & Big.
var. (?) Zuniensis, E. & B.
monoclonos, DC.?
paucispinus, Engelm.
pectinatus, Engelm. (Mex.)
var. (?) armatus, Poselger.
var. (?) rigidissimus, Eng.
phœniceus, Engelm.
polyacanthus, Engelm.
princeps, Hort. Wurtzb.
procumbens, Engelm.
Rœtteri, Engelm.
rufispinus, Engelm.
Schottii, Engelm.
stramineus, Engelm.
Thurberi, Engelm.
triangularis, Haworth?
triglochidiatus, Engelm.
tuberosus, Poselger.

viridiflorus, Engelm.
var. cylindricus, Engelm.

ECHINOCACTUS

bicolor, Galeotti. (Mex.)
var. Schottii, Engelm.
brevihamatus, Engelm.
cylindraceus, Engelm.
Emoryi, Engelm.
horizonthalonius, Lemaire.
var. centrispinus, Engelm.
intertextus, Engelm.
var. dasyacanthus, Engelm.
Johnsoni, Parry.
longihamatus, Galeotti.
var. brevispinus, Engelm.
var. gracilispinus, Engelm.
papyracanthus, Engelm.
Parryi, Engelm. (Mex.)
polyancistrus, Eng. & Big.
polycephalus, Eng. & Big.
pubispinus, Engelm.
Scheerii, Salm.
setispinus, Engelm.
var. setaceus, Engelm.
Simpsoni, Engelm.
var. minor, Engelm.
sinuatus, Dietr.
Texensis, Hoepf.
uncinatus, Hoepf.
var. Wrightii, Engelm.
unguispinus, Engelm. (Mex.)
viridescens, Nutt.
Whipplei, Eng. & Big.
var. spinosior, Engelm.
Wislizeni, Engelm.
var. LeContei, Engelm.

MAMILLARIA

barbata, Engelm. (Mex.)
bicolor, Lehm. (Mex.)
chlorantha, Engelm.
compacta, Engelm. (Mex.)
conoidea, DC. (Mex.)
dasyacantha, Engelm.
deserti, Engelm.
Echinus, Engelm.
fasciculata, Engelm.
Goodridgii, Scheer.
Grahami, Engelm.
gummifera, Engelm.
Heyderi, Muhlenpf.
var. hemisphærica, Eng.
lasiacantha, Engelm.
macromeris, Engelm.
meiacantha, Engelm.
micromeris, Engelm.
var. Greggii, Engelm.
Missouriensis, Sweet.
var. cæspitosa, Watson.
var. robustior, Watson.
phellosperma, Engelm.
Pottsii, Scheer.
pusilla, DC.
var. Texana, Engelm.
radians, DC.
recurvata, Engelm. (Mex.)
robustispina, Schott.
Scheerii, Muhlenpf.
var. (?) valida, Engelm.
scolymoides, Scheidw.
sphærica, Dietr.
strobiliformis, Scheer.
vivipara, Haworth.
var. radiosa, Engelm.
Wrightii, Engelm.

OPUNTIA

acanthocarpa, Eng. & Big.
angustata, Eng. & Big.
arborescens, Engelm.
arbuscula, Engelm.
arenaria, Engelm.
basilaris, Eng. & Big.
Bernardina, Engelm.
Bigelovii, Engelm.
Camanchica, Eng. & Big.
chlorotica, Eng. & Big.
clavata, Engelm.
Davisii, Eng. & Big.
echinocarpa, Eng. & Big.
var. major, Engelm.
Emoryi, Engelm.
Engelmanni, Salm.
var. cyclodes, Eng. & Big.
var. (?) littoralis, Engelm.
var. occidentalis, Engelm.
Ficus-Indica, Mill.
filipendula, Engelm.
fragilis, Haworth.
fulgida, Engelm.

fusco-atra, Engelm.
Grahami, Engelm.
hystricina, Eng. & Big.
Kleiniæ, DC.
leptocaulis, DC.
  var. brevispina, Watson.
  var. vaginata, Watson.
macrocentra, Engelm.
mamillata, Schott.
microdasys, Lehm. (Mex.)
Missouriensis, DC.
  var. albispina, Engelm.
  var. microsperma, Engelm.
  var. platycarpa, Engelm.
  var. trichophora, Engelm.
Mohavensis, Eng. & Big.
Parryi, Engelm.
Pes-Corvi, LeConte.
phæacantha, Engelm.
  var. major, Eng. & Big.
procumbens, Eng. & Big.
prolifera, Engelm.
pulchella, Engelm.
Rafinesquii, Engelm.
  var. (?) cymochila, E. & B.
  var. (?) fusiformis, E. & B.
  var. (?) grandiflora, Engelm.
  var. (?) macrorhiza, Eng.
  var. microsperma, Engelm.
  var. minor, Engelm.
  var. (?) stenochila, E. & B.
rufida, Engelm.
rutila, Nutt.
Schottii, Engelm.
serpentina, Engelm.
setispina, Engelm. (Mex.)
sphærocarpa, Eng. & Big.
  var. (?) Utahensis, Engelm.
stenopetala, Engelm. (Mex.)
Strigil, Eng.
tenuispina, Engelm.
tessellata, Eng.
Thurberi, Engelm. (Mex.)
tortispina, Eng. & Big.
tuna, *Mill.*
versicolor, Engelm.
vulgaris, Haworth.
Whipplei, Eng. & Big.
  var. spinosior, Eng. & Big.

FICOIDEÆ.

CYPSELEA
humifusa, Turpin.

GLINUS
Cambessidesii, Fenzl.

MESEMBRIANTHEMUM
æquilaterale, *Haworth.*
coccineum, *Haworth.*
crystallinum, *L.*

MOLLUGO
Cerviana, Ser.
verticillata, L.
  var. scrobiculata, Rohrb.

SESUVIUM
pentandrum, Ell.
Portulacastrum, L.
  var. subsessile, Gray.

TRIANTHEMA
monogynum, L.

UMBELLIFERÆ.

ÆGOPODIUM
Podagraria, *L.*

ÆTHUSA
Cynapium, *L.*

AMMI
majus, *L.*

ANGELICA
arguta, Nutt.
Breweri, Gray.
Curtisii, Buckl.
Dawsoni, Watson.
genuflexa, Nutt.
leporina, Watson.
lineariloba, Gray.
lucida, L.
Lyallii, Watson.
pinnata, Watson.
tomentosa, Watson.
verticillata, Hook.
Wheeleri, Watson.

APIASTRUM
angustifolium, Nutt.

APIUM
divaricatum, Benth. & Hook.
echinatum, Benth. & Hook.
graveolens, *L.*
leptophyllum, F. Muel.
nodiflorum, *Benth. & Hook.*

patens, Watson.
Popei, Gray.

ARCHANGELICA
atropurpurea, Hoffm.
dentata, Chapm.
Gmelini, DC.
hirsuta, T. & G.

ARCHEMORA
Fendleri, Gray.
rigida, DC.
var. ambigua, T. & G.
ternata, Nutt.

BERULA
angustifolia, Koch.

BIFORA
Americana, Benth. & Hook.

BOWLESIA
lobata, Ruiz & Pav.

BUPLEURUM
ranunculoides, L.
rotundifolium, L.

CARUM
Carui, L.
Gairdneri, Benth. & Hook.
Kelloggii, Gray.
Oreganum, Watson.

CAUCALIS
microcarpa, Hook. & Arn.
nodosa, Huds.

CHÆROPHYLLUM
procumbens, Crantz.
var. Shortii, T. & G.
Tainturieri, Hook.
var. dasycarpum, Hook.
sativum, Lam.

CICUTA
bulbifera, L.
Bolanderi, Gray.
Californica, Gray.
maculata, L.
? trachypleura, Watson.
virosa, L.

CONIUM
maculatum, L.

CORIANDRUM
sativum, L.

CRANTZIA
lineata, Nutt.

CRYPTOTÆNIA
Canadensis, DC.

CYMOPTERUS
alpinus, Gray.
anisatus, Gray.
bipinnatus, Watson.
campestris, T. & G.
cinerarius, Gray.
corrugatus, Jones.
Fendleri, Gray.
glaucus, Nutt.
globosus, Watson.
glomeratus, Raf.
longipes, Watson.
montanus, T. & G.
var. purpurascens, Gray.
? Nevadensis, Gray.
nivalis, Watson.
purpureus, Watson.
terebinthinus, T. & G.

CYNOSCIADIUM
digitatum, DC.
pinnatum, DC.
var. pumilum, Eng. & Gr.

DAUCUS
Carota, L.
pusillus, Michx.
var. microphyllus, T. & G.
var. scaber, T. & G.

DEWEYA
arguta, T. & G.
Hartwegi, Gray.
Kelloggii, Gray.
vestita, Watson.

DISCOPLEURA
capillacea, DC.
var. (?) costata, DC.
laciniata, Benth. & Hook.
Nuttallii, DC.

ERIGENIA
bulbosa, Nutt.

ERYNGIUM
aromaticum, Baldw.
Baldwinii, Spreng.
diffusum, Torr.
discolor, Watson.

fœtidum, L.
Harknessii, Curran.
heterophyllum, Eng. (Mex.)
Hookeri, Walp.
Leavenworthii, T. & G.
longifolium, Cav.
Mettaueri, Wood.
nasturtiifolium, Juss.
petiolatum, Hook.
var. armatum, Watson.
var. juncifolium, Gray.
prælatum, Gray.
prostratum, Nutt.
Ravenelii, Gray.
virgatum, Lam.
Virginianum, Lam.
Wrightii, Gray.
yuccæfolium, Michx.

EULOPHUS
Americanus, Nutt.
Texanus, Benth. & Hook.

EURYTÆNIA
Texana, T. & G.

FERULA
Californica, Gray.
dissoluta, Watson.
multifida, Gray.
Newberryi, Watson.

GLYCOSMA
ambiguum, Gray.
Bolanderi, Gray.
occidentale, Nutt.

HERACLEUM
lanatum, Michx.
var. vestitum, T. & G.

HYDROCOTYLE
Americana, L.
interrupta, Muhl.
prolifera, Kellogg.
ranunculoides, L. f.
repanda, Pers.
umbellata, L.
var. (?) ambigua, Gray.

LIGUSTICUM
actæifolium, Michx.
apiifolium, Benth. & Hook.
var. minus, Gray.
filicinum, Watson.
montanum, Benth. & Hook.
var. tenuifolium, Watson.
scopulorum, Gray.
Scoticum, L.
tenuifolium, Watson.

MUSENIUM
divaricatum, Nutt.
var. Hookeri, T. & G.
Greenei, Gray.
tenuifolium, Nutt.

ŒNANTHE
Californica, Watson.
sarmentosa, Presl.

OROGENIA
linearifolia, Watson.

OSMORRHIZA
brachypoda, Torr.
brevistylis, DC.
longistylis, DC.
nuda, Torr.

PEUCEDANUM
ambiguum, Nutt.
bicolor, Watson.
caruifolium, T. & G.
Cous, Watson.
dasycarpum, T. & G.
Euryptera, Gray.
farinosum, Geyer.
fœniculaceum, Nutt.
Geyeri, Watson.
graveolens, Watson.
var. alpinum, Watson.
Hallii, Watson.
Howellii, Watson.
lævigatum, Nutt.
leiocarpum, Nutt.
macrocarpum, Nutt.
var. (?) eurycarpum, Gray.
millefolium, Watson.
Nevadense, Watson.
nudicaule, Watson.
Nuttallii, Watson.
Ostruthium, Koch.
Parryi, Watson.
parvifolium, T. & G.
sativum, Benth. & Hook.
simplex, Nutt.
Suksdorfii, Watson.
triternatum, Nutt.
var. leptocarpum, T. & G.

utriculatum, Nutt.
villosum, Nutt.

PHELLOPTERUS
littoralis, Schmidt.

PIMPINELLA
apiodora, Gray.
var. nudicaulis, Gray.
integerrima, Benth. & Hook.

PODOSCIADIUM
Bolanderi, Gray.
Californicum, Gray.

POLYTÆNIA
Nuttallii, DC.

SANICULA
arctopoides, Hook. & Arn.
bipinnata, Hook. & Arn.
bipinnatifida, Dougl.
Canadensis, L.
laciniata, Hook. & Arn.
maritima, Kellogg.
Marylandica, L.
Menziesii, Hook. & Arn.
Nevadensis, Watson.
tuberosa, Torr.

SELINUM
Benthami, Watson.
Canadense, Michx.
capitellatum, Benth. & Hook.
Kingii, Watson.
Pacificum, Watson.

SIUM
Carsoni, Durand.
cicutæfolium, Gmel.

THASPIUM
aureum, Nutt.
var. apterum, Gray.
barbinode, Nutt.
pinnatifidum, Gray.
trifoliatum, Gray.
var. atropureum, Gray.
var. apterum, Gray.

TIEDEMANNIA
teretifolia, DC.

TREPOCARPUS
Æthusæ, Nutt.

ARALIACEÆ.

ARALIA
Californica, Watson
hispida, Vent.
humilis, Cav.
nudicaulis, L.
quinquefolia, Dec. & Planch.
racemosa, L.
spinosa, L.
trifolia, Dec. & Planch.

FATSIA
horrida, Benth. & Hook.

HEDERA
Helix, L.

CORNACEÆ.

CORNUS
alternifolia, L. f.
asperifolia, Michx.
Californica, C. A. Meyer.
Canadensis, L.
circinata, L'Her.
Drummondii, C. A. Meyer.
florida, L.
glabrata, Benth.
Nuttallii, Audubon.
paniculata, L'Her.
pubescens, Nutt.
sericea, L.
sessilis, Torr.
stolonifera, Michx.
stricta, Lam.
Suecica, L.
Torreyi, Watson.
Unalaskensis, Ledeb.

GARRYA
buxifolia, Gray.
elliptica, Dougl.
flavescens, Watson.
var. Palmeri, Watson.
Fremontii, Torr.
Lindheimeri, Torr.
ovata, Benth.
Wrightii, Torr.

NYSSA
capitata, Walter.
Caroliniana, Poir.
multiflora, Wangenh.
var. sylvatica, Watson.
uniflora, Wangenh.

CAPRIFOLIACEÆ.

ADOXA
Moschatellina, L.

DIERVILLA
sessilifolia, Buckl.
trifida, Mœnch.

LINNÆA
borealis, Gronov.
var. longiflora, Torr.

LONICERA
albiflora, T. & G.
cærulea, L.
ciliata, Muhl.
ciliosa, Poir.
conjugialis, Kellogg.
flava, Sims.
glauca, Hill.
grata, Ait.
hirsuta, Eaton.
hispidula, Dougl.
var. interrupta, Gray.
var. subspicata, Gray.
var. vacillans, Gray.
involucrata, Banks.
oblongifolia, Hook.
sempervirens, L.
Sullivantii, Gray.
Utahensis, Watson.

SAMBUCUS
Canadensis, L.
var. laciniata, Gray.
glauca, Nutt.
melanocarpa, Gray.
Mexicana, Presl.
racemosa, L.
var. arborescens, T. & G.
var. laciniata, Koch.

SYMPHORICARPOS
longiflorus, Gray.
mollis, Nutt.
var. acutus, Gray.
occidentalis, Hook.
oreophilus, Gray.
racemosus, Michx.
var. pauciflorus, Robbins.
rotundifolius, Gray.
vulgaris, Michx.
var. spicatus, Gray.

TRIOSTEUM
angustifolium, L.
perfoliatum, L.

VIBURNUM
acerifolium, L.
cassinoides, L.
densiflorum, Chapm.
dentatum, L.
ellipticum, Hook.
lantanoides, Michx.
Lentago, L.
molle, Michx.
nudum, L.
var. angustifolium, T. & G.
var. grandifolium, Gray.
var. serotinum, Ravenel.
obovatum, Walt.
Opulus, L.
pauciflorum, Pylaie.
prunifolium, L.
pubescens, Pursh.

RUBIACEÆ.

BOUVARDIA
ovata, Gray.
triphylla, Salisb.
var. angustifolia, Gray.

CATESBÆA
parviflora, Swartz.

CEPHALANTHUS
occidentalis, L.

CHIOCOCCA
racemosa, L.

CRUSEA
allococca, Gray.
subulata, Gray.
Wrightii, Gray.

DIODIA
teres, Walt.
var. angustata, Gray.
Virginiana, L.

ERITHALIS
fruticosa, L.

ERNODEA
littoralis, Swartz.

EXOSTEMA
Caribæum, Rœm. & Schult.

GALIUM
Andrewsii, Gray.
Anglicum, Huds.
angustifolium, Nutt.
Aparine, L.
var. Vaillantii, Koch.
Arkansanum, Gray.
asperrimum, Gray.
asprellum, Michx.
bifolium, Watson.
Bolanderi, Gray.
boreale, L.
Brandegei, Gray.
Californicum, Hook. & Arn.
Catalinense, Gray.
circæzans, Michx.
concinnum, T. & G.
Fendleri, Gray.
hispidulum, Michx.
Kamtschaticum, Steller.
lanceolatum, Torr.
latifolium, Michx.
Matthewsii, Gray.
microphyllum, Gray.
Mollugo, L.
multiflorum, Kellogg.
var. hirsutum, Gray.
var. Watsoni, Gray.
Nuttallii, Gray.
pilosum, Ait.
var. puncticulosum, T. & G.
proliferum, Gray.
pubens, Gray.
Rothrockii, Gray.
stellatum, Kellogg.
Texense, Gray.
tricorne, With.
trifidum, L.
var. latifolium, Torr.
var. pusillum, Gray.
triflorum, Michx.
uniflorum, Michx.
verum, L.
virgatum, Nutt.
var. leiocarpum, T. & G.
Wrightii, Gray.

GENIPA
clusiæfolia, Griseb.

GUETTARDA
elliptica, Swartz.
scabra, Lam.

HAMELIA
patens, Jacq.

HOUSTONIA
acerosa, Gray.
angustifolia, Michx.
var. filifolia, Gray.
var. rigidiuscula, Gray.
cærulea, L.
fasciculata, Gray.
humifusa, Gray.
minima, Beck.
patens, Ell.
var. pusilla, Gray.
purpurea, L.
var. calycosa, Gray.
var. ciliolata, Gray.
var. longifolia, Gray.
var. tenuifolia, Gray.
rotundifolia, Michx.
rubra, Cav.
serpyllifolia, Michx.
subviscosa, Gray.
Wrightii, Gray.

KELLOGGIA
galioides, Torr.

MITCHELLA
repens, L.

MITRACARPUS
breviflorus, Gray.

MORINDA
Roioc, L.

OLDENLANDIA
Boscii, Chapm.
glomerata, Michx.
Greenei, Gray.

PENTODON
Halei, Gray.

PINCKNEYA
pubens, Michx.

PSYCHOTRIA
tenuifolia, Swartz.
undata, Jacq.

RANDIA
aculeata, L.

RICHARDIA
scabra, L.

SHERARDIA
arvensis, L.

SPERMACOCE
glabra, Michx.
parviflora, Gray.
podocephala, Gray.
Portoricensis, Balbis.
tenuior, L., Lam.

STRUMPFIA
maritima, Jacq.

VALERIANACEÆ.

VALERIANA
Arizonica, Gray.
capitata, Pall.
edulis, Nutt.
pauciflora, Michx.
scandens, L.
Sitchensis, Bong.
sorbifolia, HBK.
sylvatica, Banks.

VALERIANELLA
amarella, Krok.
anomala, Gray.
aphanoptera, Gray.
chenopodifolia, DC.
congesta, Lindl.
longiflora, Walp.
macrocera, Gray.
Nuttallii, Walp.
olitoria, Poll.
radiata, Dufr.
samolifolia, Gray.
stenocarpa, Krok.
Woodsiana, Walp.
var. patellaria, Gray.
var. umbilicata, Gray.

DIPSACACEÆ.

DIPSACUS
fullonum, L.
sylvestris, Mill.

COMPOSITÆ.

ACAMPTOPAPPUS
Shockleyi, Gray.
sphærocephalus, Gray.

ACANTHOSPERMUM
humile, DC.
xanthioides, DC.

ACHILLEA
Millefolium, L.
multiflora, Hook.
Ptarmica, L.

ACHYRACHÆNA
mollis, Schauer.

ACTINELLA
acaulis, Nutt.
var. glabra, Gray.
argentea, Gray.
biennis, Gray.
Bigelovii, Gray.
Brandegei, T. C. Porter.
Cooperi, Gray.
depressa, T. & G.
grandiflora, T. & G.
leptoclada, Gray.
linearifolia, T. & G.
odorata, Gray.
Richardsonii, Nutt.
Rusbyi, Gray.
scaposa, Nutt.
var. linearis, Nutt.
Vaseyi, Gray.

ACTINOMERIS
alba, T. & G.
squarrosa, Nutt.

ADENOCAULON
bicolor, Hook.

AGERATUM
conyzoides, L.
corymbosum, Zucc.
littorale, Gray.

AMBLYOLEPIS
setigera, DC.

AMBLYOPAPPUS
pusillus, Hook. & Arn.

AMBROSIA
aptera, DC.
artemisiæfolia, L.
bidentata, Michx.
hispida, Pursh.
longistylis, Nutt.

psilostachya, DC.
pumila, Gray.
trifida, L.
var. integrifolia, T. & G.

AMPHIACHYRIS
dracunculoides, Nutt.
Fremontii, Gray.

ANAPHALIS
margaritacea, B. & H.

ANISOCOMA
acaule, T. & G.

ANTENNARIA
alpina, Gærtn.
argentea, Benth.
Carpathica, R. Br.
var. pulcherrima, Hook.
dimorpha, T. & G.
dioica, Gærtn.
var. congesta, DC.
flagellaris, Gray.
Geyeri, Gray.
luzuloides, T. & G.
microcephala, Gray.
plantaginifolia, Hook.
racemosa, Hook.
stenophylla, Gray.

ANTHEMIS
arvensis, *L.*
Cotula, *L.*
nobilis, *L.*
tinctoria, *L.*

APARGIDIUM
boreale, T. & G.

APHANTOSTEPHUS
Arizonicus, Gray.
Arkansanus, Gray.
var. Hallii, Gray.
humilis, Gray.
ramosissimus, DC.

APLOPAPPUS
acaulis, Gray.
var. glabratus, Eaton.
apargioides, Gray.
armerioides, Gray.
aureus, Gray.
Berberidis, Gray. (L. Cal.)
Bloomeri, Gray.
Brandegei, Gray.
carthamoides, Gray.
var. Cusickii, Gray.
var. maximus, Gray.
ciliatus, DC.
croceus, Gray.
cuneatus, Gray.
divaricatus, Gray.
ericoides, Hook. & Arn.
Fremonti, Gray.
var. Wardi, Gray.
gracilis, Gray.
Greenei, Gray.
var. mollis, Gray.
Hallii, Gray.
hirtus, Gray.
Hookerianus, Gray.
Howellii, Gray.
integrifolius, T. C. Porter.
lanceolatus, T. & G.
var. tenuicaulis, Gray.
var. Vaseyi, Parry.
lanuginosus, Gray.
laricifolius, Gray.
linearifolius, DC.
Lyallii, Gray.
Macronema, Gray.
monactis, Gray.
multicaulis, Gray.
nanus, Eaton.
var. cervinus, Gray.
Nuttallii, T. & G.
Oreuttii, Gray. (L. Cal.)
Palmeri, Gray.
Parryi, Gray.
pinifolius, Gray.
pygmæus, Gray.
racemosus, Torr.
var. glomerellus, Gray.
var. stenocephalus, Gray.
var. virgatus, Gray.
rubiginosus, T. & G.
var. phyllocephalus, Gray.
spinulosus, DC.
squarrosus, Hook. & Arn.
stenophyllus, Gray.
suffruticosus, Gray.
uniflorus, T. & G.
Watsoni, Gray.
Whitneyi, Gray.

APOGON
gracilis, DC.
humilis, Ell.
Wrightii, Gray.

ARCTIUM
Lappa, L.
var. minus, Gray.
var. tomentosum, Gray.

ARNICA
alpina, Olin.
var. Lessingii, T. & G.
amplexicaulis, Nutt.
Chamissonis, Less.
cordifolia, Hook.
var. eradiata, Gray.
discoidea, Benth.
foliosa, Nutt.
var. incana, Gray.
latifolia, Bong.
var. viscidula, Gray.
longifolia, Eaton.
Nevadensis, Gray.
nudicaulis, Nutt.
obtusifolia, Less.
Parryi, Gray.
parviflora, Gray.
Unalaschensis, Less.
viscosa, Gray.

ARTEMISIA
Abrotanum, L.
Absinthium, L.
annua, L.
arbuscula, Nutt.
biennis, Willd.
Bigelovii, Gray.
Bolanderi, Gray.
borealis, Pall.
var. Wormskioldii, Bess.
Californica, Less.
cana, Pursh.
Canadensis, Michx.
caudata, Michx.
discolor, Dougl.
var. incompta, Gray.
dracunculoides, Pursh.
filifolia, Torr.
franserioides, Greene.
frigida, Willd.
glauca, Pall.
globularia, Cham.
glomerata, Ledeb.
Lindleyana, Bess.
longifolia, Nutt.
Ludoviciana, Nutt.
Mexicana, Willd.
Norvegica, Fries.
var. Pacifica, Gray.
Palmeri, Gray.
Parishii, Gray.
Parryi, Gray.
Pattersoni, Gray.
pedatifida, Nutt.
Prescottiana, Bess.
procera, Willd.
pycnocephala, DC.
pygmæa, Gray.
Richardsoniana, Bess.
rigida, Gray.
Rothrockii, Gray.
scopulorum, Gray.
Senjavinensis, Bess.
serrata, Nutt.
spinescens, Eaton.
Stelleriana, Bess.
tridentata, Nutt.
var. angustifolia, Gray.
trifida, Nutt.
vulgaris, L.
var. Californica, Bess.
var. Tilesii, Ledeb.
Wrightii, Gray.

ASTER
acuminatus, Michx.
adnatus, Nutt.
adscendens, Lindl.
var. denudatus, T. & G.
var. Yosemitanus, Gray.
alpinus, L.
amethystinus, Nutt.
amplus, Lindl.
Andersoni, Gray.
Andinus, Nutt.
angustus, T. & G.
anomalus, Engelm.
arenarioides, Eaton.
azureus, Lindl.
Bigelovii, Gray.
blepharophyllus, Gray.

campestris, Nutt.
var. Bloomeri, Gray.
canescens, Pursh.
var. latifolius, Gray.
var. tephrodes, Gray.
var. viridis, Gray.
var. viscosus, Gray.
carnosus, Gray.
Carolinianus, Walt.
Chamissonis, Gray.
Chapmani, T. & G.
Coloradoensis, Gray.
commutatus, Gray.
concinnus, Willd.
concolor, L.
conspicuus, Lindl.
cordifolius, L.
corymbosus, Ait.
Curtisii, T. & G.
Cusickii, Gray.
var. Lyalli, Gray.
diffusus, Ait.
var. bifrons, Gray.
var. hirsuticaulis, Gray.
var. horizontalis, Gray.
var. thyrsoideus, Gray.
Douglasii, Lindl.
Drummondii, Lindl.
dumosus, L.
var. coridifolius, T. & G.
var. subulæfolius, T. & G.
elegans, T. & G.
Elliottii, T. & G.
Engelmanni, Gray.
var. glaucescens, Gray.
var. ledophyllus, Gray.
ericæfolius, Rothrock.
var. tenuis, Gray.
ericoides, L.
var. Pringlei, Gray.
var. pusillus, Gray.
var. Reevesii, Gray.
var. villosus, T. & G.
eryngiifolius, T. & G.
exilis, Ell.
var. australis, Gray.
falcatus, Lindl.
Fendleri, Gray.
foliaceus, Lindl.
var. apricus, Gray.
var. Burkei, Gray.
var. Canbyi, Gray.
var. Eatoni, Gray.
var. frondeus, Gray.
var. Parryi, Gray.
var. pubescens, Gray.
Fremonti, Gray.
var. Parishii, Gray.
frondosus, T. & G.
glaucus, T. & G.
gracilis, Nutt.
grandiflorus, L.
gymnocephalus, Gray.
Hallii, Gray.
Herveyi, Gray.
hesperius, Gray.
infirmus, Michx.
integrifolius, Nutt.
junceus, Ait.
Kingii, Eaton.
lævis, L.
var. Geyeri, Gray.
Læmmoni, Gray.
linariifolius, L.
Lindleyanus, T. & G.
var. ciliolatus, Gray.
longifolius, Lam.
var. villicaulis, Gray.
macrophyllus, L.
Menziesii, Lindl.
mirabilis, T. & G.
modestus, Lindl.
multiflorus, Ait.
nemoralis, Ait.
Novæ-Angliæ, L.
var. roseus, DC.
Novi-Belgii, L.
var. elodes, Gray.
var. lævigatus, Gray.
var. litoreus, Gray.
var. thyrsiflorus, Gray.
oblongifolius, Nutt.
var. rigidulus, Gray.
occidentalis, Nutt.
var. intermedius, Gray.
var. scabriusculus, Gray.
Oreganus, Nutt.
Palmeri, Gray.
paludosus, Ait.
paniculatus, Lam.
Parryi, Gray.
parviflorus, Gray.
patens, Ait.
var. gracilis, Hook.
var. phlogifolius, Nees.
Pattersoni, Gray.

patulus, Lam.
pauciflorus, Nutt.
var. gracillimus, Gray.
peregrinus, Pursh.
phyllolepis, T. & G.
polyphyllus, Willd.
Porteri, Gray.
prenanthoides, Muhl.
ptarmicoides, T. & G.
var. Georgianus, Gray.
var. lutescens, Gray.
pulchellus, Eaton.
puniceus, L.
var. lævicaulis, Gray.
var. lucidulus, Gray.
pygmæus, Lindl.
racemosus, Ell.
radula, Ait.
var. strictus, Gray.
radulinus, Gray.
reticulatus, Pursh.
riparius, HBK.
sagittifolius, Willd.
salicifolius, (Lam.?) Ait.
var. subasper, Gray.
var. cærulescens, Gray.
scopulorum, Gray.
sericeus, Vent.
var. montanus, Gray.
Shastensis, Gray.
Shortii, Hook.
Sibiricus, L.
var. giganteus, Gray.
spathulatus, Lindl.
spectabilis, Ait.
spinosus, Benth.
spinulosus, Chapm.
squarrosus, Walt.
stenomeres, Gray.
subulatus, Michx.
surculosus, Michx.
tanacetifolius, HBK.
var. pygmæus, Gray.
tardiflorus, L.
tenuifolius, L.
tortifolius, Gray.
Tradescanti, L.
turbinellus, Lindl.
umbellatus, Mill.
var. latifolius, Gray.
var. pubens, Gray.
undulatus, L.
var. diversifolius, Gray.
versicolor, Willd.
vimineus, Lam.
var. foliolosus, Gray.
virgatus, Ell.
Watsoni, Gray.
Wrightii, Gray.
Xylorrhiza, T. & G.

ATRICHOSERIS
platyphylla, Gray.

BACCHARIS
angustifolia, Michx.
Bigelovii, Gray.
brachyphylla, Gray.
Douglasii, DC.
Emoryi, Gray.
glomeruliflora, Pers.
glutinosa, Pers.
halimifolia, L.
Havardi, Gray.
pilularis, DC.
Plummeræ, Gray.
pteronioides, DC.
salicina, T. & G.
sarothroides, Gray.
sergiloides, Gray.
Texana, Gray.
thesioides, HBK.
viminea, DC.
Wrightii, Gray.

BAERIA
affinis, Gray.
anthemoides, Gray.
carnosa, Greene.
chrysostoma, Fisch. & Mey.
Clevelandi, Gray.
coronaria, Gray.
curta, Gray.
debilis, Greene.
Fremonti, Gray.

gracilis, Gray.
var. aristosa, Gray.
var. paleacea, Gray.
var. tenerrima, Gray.
leptalea, Gray.
macrantha, Gray.
var. pauciaristata, Gray.
maritima, Gray.
mutica, Gray.
Palmeri, Gray. (L. Cal.)
var. Clementina, Gray.
platycarpha, Gray.
tenella, Gray.
uliginosa, Gray.
var. tenera, Gray.

BAHIA
absinthifolia, Benth.
var. dealbata, Gray.
Bigelovii, Gray.
biternata, Gray.
chrysanthemoides, Gray.
Neo-Mexicana, Gray.
nudicaulis, Gray.
oblongifolia, Gray.
oppositifolia, Nutt.
pedata, Gray.
Woodhousii, Gray.

BAILEYA
multiradiata, Harv. & Gray.
var. nudicaulis, Gray.
pauciradiata, Harv. & Gray.

BALDWINIA
multiflora, Nutt.
uniflora, Nutt.

BALSAMORRHIZA
Bolanderi, Gray.
Careyana, Gray.
deltoidea, Nutt.
hirsuta, Nutt.
Hookeri, Nutt.
var. incana, Gray.
macrophylla, Nutt.
sagittata, Nutt.
terebinthacea, Nutt.

BARTLETTIA
scaposa, Gray.

BEBBIA
juncea, Greene.

BELLIS
integrifolia, Michx.
perennis, L.

BERLANDIERA
lyrata, Benth.
var. macrophylla, Gray.
subacaulis, Nutt.
Texana, DC.
var. betonicifolia, T. & G.
tomentosa, Nutt.
var. dealbata, T. & G.

BIDENS
Beckii, Torr.
Bigelovii, Gray.
bipinnata, L.
cernua, L.
chrysanthemoides, Michx.
connata, Muhl.
frondosa, L.
heterophylla, Ort.
var. Wrightii, Gray.
heterosperma, Gray.
Lemmoni, Gray.
leucantha, Willd.
pilosa, L.
procera, Don.
tenuisecta, Gray.

BIGELOVIA
acradenia, Greene.
albida, M. E. Jones.
arborescens, Gray.
Bigelovii, Gray.
Bolanderi, Gray.
brachylepis, Gray.
ceruminosa, Gray.
Cooperi, Gray.
coronopifolia, Gray.
depressa, Gray.
Douglasii, Gray.
var. lanceolata, Gray.
var. latifolia, Gray.
var. pumila, Gray.
var. serrulata, Gray.
var. stenophylla, Gray.
var. tortifolia, Gray.
Drummondii, Gray.
Engelmanni, Gray.
graveolens, Gray.
var. albicaulis, Gray.
var. glabrata, Gray.

var. hololeuca, Gray.
var. latisquamea, Gray.
Greenei, Gray.
Hartwegi, Gray.
Howardi, Gray.
juncea, Greene.
leiosperma, Gray.
Mohavensis, Greene.
Nevadensis, Gray.
nudata, DC.
var. virgata, T. & G.
paniculata, Gray.
Parishii, Greene.
Parryi, Gray.
pluriflora, Gray.
pulchella, Gray.
teretifolia, Gray.
Vaseyi, Gray.
veneta, Gray.
Wrightii, Gray.
var. hirtella, Gray.

BLENNOSPERMA
Californicum, T. & G.

BLEPHARIPAPPUS
scaber, Hook.
var. lævis, Gray.
var. subcalvus, Gray.

BOLTONIA
asteroides, L'Her.
var. decurrens, Engelm.
diffusa, Ell.
latisquama, Gray.
var. occidentalis, Gray.

BORRICHIA
arborescens, DC.
frutescens, DC.

BRACHYCHÆTA
cordata, T. & G.

BRADBURIA
hirtella, T. & G.

BRICKELLIA
atractyloides, Gray.
baccharidea, Gray.
betonicæfolia, Gray.
brachyphylla, Gray.
Californica, Gray.
cordifolia, Ell.
Coulteri, Gray.
cylindracea, Gray & Engelm.
var. laxa, Gray.
floribunda, Gray.
frutescens, Gray.
grandiflora, Nutt.
var. minor, Gray.
var. petiolaris, Gray.
Greenei, Gray.
incana, Gray.
laciniata, Gray.
Lemmoni, Gray.
linifolia, Eaton.
longifolia, Watson.
microphylla, Gray.
Mohavensis, Gray.
multiflora, Kellogg.
Nevinii, Gray.
oblongifolia, Nutt.
var. abbreviata, Gray.
oliganthes, Gray.
parvula, Gray.
Pringlei, Gray.
Riddellii, Gray.
Rusbyi, Gray.
simplex, Gray.
squamulosa, Gray.
Wislizeni, Gray.
var. lanceolata, Gray.
Wrightii, Gray.
var. reniformis, Gray.
var. tenera, Gray.

BURRIELIA
microglossa, DC.

CACALIA
atriplicifolia, L.
decomposita, Gray.
diversifolia, T. & G.
Floridana, Gray.
lanceolata, Nutt.
ovata, Ell.
reniformis, Muhl.
suaveolens, L.
tuberosa, Nutt.

CACALIOPSIS
Nardosmia, Gray.

CALYCOSERIS
Parryi, Gray.
Wrightii, Gray.

CARDUUS
nutans, *L.*

CARMINATIA
tenuiflora, DC.

CARPHEPHORUS
bellidifolius, T. & G.
corymbosus, T. & G.
Pseudo-Liatris, Cass.
tomentosus, T. & G.

CARPHOCHÆTE
Bigelovii, Gray.

CENTAUREA
Americana, Nutt.
benedicta, *L.*
Calcitrapa, *L.*
Cyanus, *L.*
Jacea, *L.*
Melitensis, *L.*
nigra, *L.*
solstitialis, *L.*

CHÆNACTIS
artemisiæfolia, Gray.
attenuata, Gray.
brachypappa, Gray.
carphoclinia, Gray.
Cusickii, Gray.
Douglasii, Hook. & Arn.
var. alpina, Gray.
Fremonti, Gray.
glabriuscula, DC.
heterocarpha, Gray.
var. curta, Gray.
lanosa, DC.
macrantha, Eaton.
Nevadensis, Gray.
Nevii, Gray.
Parishii, Gray.
santolinoides, Greene.
stevioides, Hook. & Arn.
suffrutescens, Gray.
tenuifolia, Nutt.
thysanocarpha, Gray.
Xantiana, Gray.

CHÆTADELPHA
Wheeleri, Gray.

CHÆTOPAPPA
asteroides, DC.
var. imberbis, Gray.
modesta, Gray.
Parryi, Gray.

CHAPTALIA
nutans, Hemsl.
tomentosa, Vent.

CHONDRILLA
juncea, *L.*

CHRYSACTINIA
Mexicana, Gray.

CHRYSANTHEMUM
arcticum, L.
Balsamita, *L.*
var. tanacetoides, *Boiss.*
bipinnatum, L.
integrifolium, Richards.
Leucanthemum, *L.*
Parthenium, *Pers.*

CHRYSOGONUM
Virginianum, L.
var. dentatum, Gray.

CHRYSOPSIS
Breweri, Gray.
falcata, Ell.
gossypina, Nutt.
graminifolia, Nutt.
var. aspera, Gray.
hyssopifolia, Nutt.
Mariana, Nutt.
Oregana, Gray.
var. scaberrima, Gray.
pilosa, Nutt.
pinifolia, Ell.
scabrella, T. & G.
trichophylla, Nutt.
villosa, Nutt.
var. canescens, Gray.
var. discoidea, Gray.
var. echioides, Gray.
var. foliosa, Eaton.
var. hispida, Gray.
var. Rutteri, Rothrock.
var. sessiliflora, Gray.
var. stenophylla, Gray.
var. viscida, Gray.
Wrightii, Gray.

CICHORIUM
Intybus, L.

CLAPPIA
suædæfolia, Gray.

CNICUS
altissimus, Willd.
var. discolor, Gray.
var. filipendulus, Gray.
Americanus, Gray.
Andersoni, Gray.
Andrewsii, Gray.
Arizonicus, Gray.
arvensis, Hoffm.
Breweri, Gray.
var. Vaseyi, Gray.
Californicus, Gray.
Drummondii, Gray.
var. acaulescens, Gray.
Eatoni, Gray.
edulis, Gray.
eriocephalus, Gray.
foliosus, Gray.
Grahami, Gray.
Hallii, Gray.
Hookerianus, Gray.
horridulus, Pursh.
Kamtschaticus, Maxim.
lanceolatus, Hoffm.
Lecontei, Gray.
muticus, Pursh.
Neo-Mexicanus, Gray.
Nuttallii, Gray.
occidentalis, Gray.
ochrocentrus, Gray.
Parryi, Gray.
Pitcheri, Torr.
pumilus, Torr.
quercetorum, Gray.
remotifolius, Gray.
repandus, Ell.
Rothrockii, Gray.
scariosus, Gray.
undulatus, Gray.
var. canescens, Gray.
var. megacephalus, Gray.
Virginianus, Pursh.
Wheeleri, Gray.
Wrightii, Gray.

CONYZA
Coulteri, Gray.
var. tenuisecta, Gray.

COREOPSIS
angustifolia, Ait.
aristosa, Michx.
Atkinsoniana, Dougl.
aurea, Ait.
auriculata, L.
bidentoides, Nutt.
cardaminefolia, T. & G.
coronata, Hook.
delphinifolia, Lam.
discoidea, T. & G.
Drummondii, T. & G.
var. Wrightii, Gray.
gladiata, Walt.
grandiflora, Nutt.
Harveyana, Gray.
integrifolia, Poir.
involucrata, Nutt.
lanceolata, L.
var. angustifolia, T. & G.
var. villosa, Michx.
latifolia, Michx.
Leavenworthii, T. & G.
var. Garberi, Gray.
nudata, Nutt.
palmata, Nutt.
pubescens, Ell.
rosea, Nutt.
senifolia, Michx.
var. rigida, Nutt.
var. stellata, T. & G.
tinctoria, Nutt.
trichosperma, Michx.
var. tenuiloba, Gray.
tripteris, L.
verticillata, L.

CORETHROGYNE
Californica, DC.
filaginifolia, Nutt.
var. rigida, Gray.
var. virgata, Gray.
obovata, Benth.

COSMOS
bipinnatus, Cav. (Mex.)
var. exaristatus, DC.

caudatus, HBK.
parviflorus, HBK.

COTULA
australis, Hook. f.
coronopifolia, L.

CREPIS
acuminata, Nutt.
Andersoni, Gray.
biennis, L.
elegans, Hook.
glauca, T. & G.
intermedia, Gray.
var. gracilis, Gray.
var. pleurocarpa, Gray.
nana, Richards.
occidentalis, Nutt.
var. costata, Gray.
var. crinita, Gray.
var. Nevadensis, Kellogg.
runcinata, T. & G.
tectorum, L.
virens, L.

CROCIDIUM
multicaule, Hook.

CROCKERIA
chrysantha, Greene.

DICHÆTOPHORA
campestris, Gray.

DICORIA
Brandegei, Gray.
canescens, T. & G.

DICRANOCARPUS
parviflorus, Gray.

DIMERESIA
Howellii, Gray.

DYSODIA
cancellata, Gray. (Mex.)
chrysanthemoides, Lag.
Cooperi, Gray.
porophylloides, Gray.

EATONELLA
Congdoni, Gray.
nivea, Gray.

ECLIPTA
alba, Hasskarl.

ECHINACEA
angustifolia, DC.
purpurea, Mœnch.

ELEPHANTOPUS
Carolinianus, Willd.
nudatus, Gray.
tomentosus, L.

ENCELIA
Californica, Nutt.
calva, Gray.
eriocephala, Gray.
var. paniculata, Gray.
exaristata, Gray.
farinosa, Gray.
frutescens, Gray.
scaposa, Gray.
subaristata, Gray.
viscida, Gray.

ENGELMANNIA
pinnatifida, T. & G.

ERECHTITES
hieracifolia, Raf.

EREMIASTRUM
bellioides, Gray.

ERIGERON
acris, L.
var. debilis, Gray.
var. Drœbachensis, Blytt.
alpinus, L.
annuus, Pers.
argentatus, Gray.
Arizonicus, Gray.
armeriæfolius, Turcz.
asperugineus, Gray.
Bellidiastrum, Nutt.
bellidifolius, Muhl.
Bigelovii, Gray.
Bloomeri, Gray.
Brandegei, Gray.
Breweri, Gray.
cæspitosus, Nutt.
Canadensis, L.
canus, Gray.
Chrysopsidis, Gray.
compositus, Pursh.
var. discoideus, Gray.
var. pinnatisectus, Gray.
var. trifidus, Gray.
concinnus, T. & G.
var. aphanactis, Gray.

corymbosus, Nutt.
Coulteri, T. C. Porter.
decumbens, Nutt.
divaricatus, Michx.
divergens, T. & G.
var. cinereus, Gray.
Eatoni, Gray.
eriophyllus, Gray.
filifolius, Nutt.
flagellaris, Gray.
foliosus, Nutt.
var. stenophyllus, Gray.
var. tenuissimus, Gray.
glabellus, Nutt.
var. mollis, Gray.
glandulosus, T. C. Porter.
glaucus, Ker.
grandiflorus, Hook.
var. elatior, Gray.
Howellii, Gray.
hyssopifolius, Michx.
incomptus, Gray. (L. Cal.)
inornatus, Gray.
var. angustatus, Gray.
var. viscidulus, Gray.
lanatus, Hook.
leiomerus, Gray.
Lemmoni, Gray.
linifolius, Willd.
macranthus, Nutt.
miser, Gray.
modestus, Gray.
Muirii, Gray.
Neo-Mexicanus, Gray.
Nevadensis, Gray.
var. pygmæus, Gray.
nudatus, Gray.
nudicaulis, Michx.
ochroleucus, Nutt.
Oreganus, Gray.
Parishii, Gray.
peucephyllus, Gray.
Philadelphicus, L.
poliospermus, Gray.
Pringlei, Gray.
pumilus, Nutt.
quercifolius, Lam.
radicatus, Hook.
repens, Gray.
Rusbyi, Gray.
salsuginosus, Gray.
var. angustifolius, Gray.
var. glacialis, Gray.
speciosus, DC.
stenophyllus, Gray.
strigosus, Muhl.
var. Beyrichii, Gray.
subdecurrens, Schultz Bip.
supplex, Gray.
tener, Gray.
tenuis, T. & G.
uniflorus, L.
ursinus, Eaton.
Utahensis, Gray.

ERIOPHYLLUM

ambiguum, Gray.
cæspitosum, Dougl.
var. achillæoides, Gray.
var. grandiflorum, Gray.
var. integrifolium, Gray.
var. latifolium, Gray.
var. leucophyllum, Gray.
confertiflorum, Gray.
var. laxiflorum, Gray.
var. trifidum, Gray.
gracile, Gray.
lanosum, Gray.
multicaule, Gray.
Nevinii, Gray.
nubigerum, Greene.
Pringlei, Gray.
stæchadifolium, Lag.
Wallacei, Gray.
Watsoni, Gray.

EUPATORIUM

ageratifolium, DC.
ageratoides, L. f.
var. angustatum, Gray.
album, L.
var. subvenosum, Gray.
altissimum, L.
aromaticum, L.
var. incisum, Gray.
var. melissoides, Gray.
betonicum, Hemsl.
var. subintegrum, Gray.

Bigelovii, Gray.
Bruneri, Gray.
cœlestinum, L.
conyzoides, Vahl.
coronopifolium, Willd.
cuneifolium, Willd.
Fendleri, Gray.
fœniculaceum, Willd.
Greggii, Gray.
heteroclinium, Griseb.
hyssopifolium, L.
var. laciniatum, Gray.
var. tortifolium, Gray.
incarnatum, Walt.
ivæfolium, L.
leucolepis, T. & G.
mikanioides, Chapm.
occidentale, Hook.
var. Arizonicum, Gray.
Parryi, Gray. (Mex.)
pauperculum, Gray.
perfoliatum, L.
var. cuneatum, Engelm.
var. truncatum, Gray
pinnatifidum, Ell.
purpureum, L.
var. amœnum, Gray.
var. maculatum, Darl.
pycnocephalum, Less.
resinosum, Torr.
Rothrockii, Gray.
rotundifolium, L.
var. ovatum, Torr.
var. scabridum, Gray.
sagittatum, Gray.
semiserratum, DC.
var. lancifolium, Gray.
serotinum, Michx.
sessilifolium, L.
solidaginifolium, Gray.
teucrifolium, Willd.
villosum, Swartz.
Wrightii, Gray.

EVAX

candida, Gray.
caulescens, Gray.
var. brevifolia, Gray.
var. minima, Gray.
var. sparsiflora, Gray.
multicaulis, DC.
var. Drummondii, Gray.
prolifera, Nutt.

FILAGO

Arizonica, Gray.
Californica, Nutt.
depressa, Gray.
Germanica, L.

FLAVERIA

angustifolia, Pers.
chloræfolia, Gray.
linearis, Lag.
longifolia, Gray. (Mex.)
repanda, Lag.

FLORESTINA

tripteris, DC.

FLOURENSIA

cernua, DC.
laurifolia, DC. (Mex)

FRANSERIA

ambrosioides, Cav.
bipinnatifida, Nutt.
Chamissonis, Less.
chenopodifolia, Benth. (L. C.)
cordifolia, Gray.
deltoidea, Torr.
discolor, Nutt.
dumosa, Gray.
eriocentra, Gray.
flexuosa, Gray. (L. Cal.)
Hookeriana, Nutt.
ilicifolia, Gray.
tenuifolia, Gray.
tomentosa, Gray.

GAILLARDIA

acaulis, Gray.
amblyodon, Gay.
aristata, Pursh.
Arizonica, Gray.
lanceolata, Michx.
Mexicana, Gray.
pinnatifida, Torr.
pulchella, Foug.
var. picta, Gray.
simplex, Scheele.
spathulata, Gray.

GALINSOGA
parviflora, Cav.

GARBERIA
fruticosa, Gray.

GLYPTOPLEURA
marginata, Eaton.
setulosa, Gray.

GNAPHALIUM
Arizonicum, Gray.
decurrens, Ives.
var. Californicum, Gray.
leucocephalum, Gray.
microcephalum, Nutt.
Norvegicum, Gunner.
palustre, Nutt.
polycephalum, Michx.
purpureum, L.
ramosissimum, Nutt.
Sprengelii, Hook. & Arn.
strictum, Gray.
supinum, Vill.
sylvaticum, L.
uliginosum, L.
Wrightii, Gray.

GOCHNATIA
hypoleuca, Gray.

GREENELLA
Arizonica, Gray.
discoidea, Gray.

GRINDELIA
Arizonica, Gray.
cuneifolia, Nutt.
glutinosa, Dunal.
hirsutula, Hook. & Arn.
humilis, Hook. & Arn.
integrifolia, DC.
inuloides, Willd.
var. microcephala, Gray.
lanceolata, Nutt.
nana, Nutt.
var. discoidea, Gray.
Oregana, Gray.
robusta, Nutt.
squarrosa, Dunal.
var. grandiflora, Gray.
var. nuda, Gray.

GUARDIOLA
platyphylla, Gray.

GUTIERREZIA
Californica, T. & G.
eriocarpa, Gray.
Euthamiæ, T. & G.
var. microcephala, Gray.
sphærocephala, Gray.
Texana, T. & G.

GYMNOLOMIA
multiflora, Benth. & Hook.
Porteri, Gray.
tenuifolia, Benth. & Hook.
triloba, Gray.

GYMNOSPERMA
corymbosum, DC.

HAPLOESTHES
Greggii, Gray.

HECASTOCLEIS
Shockleyi, Gray.

HELENIUM
amphibolum, Gray.
autumnale, L.
Bigelovii, Gray.
Bolanderi, Gray.
brevifolium, Gray.
Curtisii, Gray.
elegans, DC.
fimbriatum, Gray.
Hoopesii, Gray.
laciniatum, Gray.
microcephalum, DC.
nudiflorum, Nutt.
Nuttallii, Gray.
var. incisum, Gray.
ooclinium, Gray.
parviflorum, Nutt.
puberulum, DC.
quadridentatum, Labill.
Thurberi, Gray.
tenuifolium, Nutt.
var. badium, Gray.
vernale, Walt.

HELIANTHELLA
argophylla, Gray.
Californica, Gray.
Douglasii, T. & G.

grandiflora, T. & G.
microcephala, Gray.
nudicaulis, Gray.
Parryi, Gray.
quinquenervis, Gray.
var. Arizonica, Gray.
tenuifolia, T. & G.
uniflora, T. & G.

HELIANTHUS
angustifolius, L.
annuus, L.
argophyllus, T. & G.
atrorubens, L.
Californicus, DC.
var. Mariposianus, Gray.
var. Utahensis, Gray.
ciliaris, DC.
cinereus, T. & G.
Cusickii, Gray.
dealbatus, Gray. (L. Cal.)
debilis, Nutt.
var. cucumerifolius, Gray.
decapetalus, L.
var. multiflorus,(?) Gray.
divaricatus, L.
doronicoides, Lam.
Douglasii, T. & G.
exilis, Gray.
Floridanus, Gray.
giganteus, L.
gracilentus, Gray.
grosse-serratus, Martens.
var. hypoleucus, Gray.
heterophyllus, Nutt.
hirsutus, Raf.
var. stenophyllus, T. & G.
var. trachyphyllus, T. & G.
lætiflorus, Pers.
var. tricuspis, T. & G.
lævigatus, T. & G.
longifolius, Pursh.
Maximiliani, Schrad.
mollis, Lam.
Nuttallii, T. & G.
occidentalis, Riddell.
var. Dowellianus, T. & G.
var. plantagineus, T. & G.
Oliveri, Gray.
orgyalis, DC.
Parishii, Gray.
parviflorus, Bernh.
var. attenuatus, Gray.
petiolaris, Nutt.
var. canescens, Gray.
pumilus, Nutt.
radula, T. & G.
rigidus, Desf.
scaberrimus, Benth.
Schweinitzii, T. & G.
strumosus, L.
var. mollis, T. & G.
tephrodes, Gray.
tomentosus, Michx.
tracheliifolius, Willd.
tuberosus, L.
var. subcanescens, Gray.

HELIOPSIS
gracilis, Nutt.
lævis, Pers.
parvifolia, Gray.
scabra, Dunal.

HEMIZONELLA
Durandi, Gray.
minima, Gray.

HEMIZONIA
angustifolia, DC.
var. Barclayi, Gray.
anomala, Gray.
citriodora, Gray.
Clevelandi, Greene.
congesta, DC.
corymbosa, T. & G.
Douglasii, Gray.
fasciculata, T. & G.
var. Lobbii, Gray.
var. ramosissima, Gray.
Fitchii, Gray.
floribunda, Gray.
Heermanni, Greene.
Kelloggii, Greene.
luzulæfolia, DC.
macradenia, DC.
mollis, Gray.
multiglandulosa, Gray.
var. cephalotes, Gray.
var. sparsa, Gray.

paniculata, Gray.
Parryi, Greene.
pauciflora, Gray.
plumosa, Gray.
var. subplumosa, Gray.
pungens, T. & G.
Streetsii, Gray.
tenella, Gray.
truncata, Gray.
virgata, Gray.
Wheeleri, Gray.
Wrightii, Gray.

HETEROSPERMUM
pinnatum, Cav.

HETEROTHECA
grandiflora, Nutt.
Lamarckii, Cass.

HIERACIUM
abscissum, Less. (Mex.)
albiflorum, Hook.
argutum, Nutt.
aurantiacum, L.
Bolanderi, Gray.
Brandegei, Greene.
Canadense, Michx.
carneum, Greene.
cynoglossoides, Arvet.
var. nudicaule, Gray.
Fendleri, Schultz Bip.
var. discolor, Gray.
var. Mogollense, Gray.
gracile, Hook.
var. detonsum, Gray.
Greenei, Gray.
Gronovii, L.
horridum, Fries.
Lemmoni, Gray.
longipilum, Torr.
Marianum, Willd.
var. spathulatum, Gray.
murorum, L.
paniculatum, L.
Parishii, Gray.
prœaltum, Vill.
Pringlei, Gray.
Rusbyi, Greene.
var. Wrightii, Gray.
scabrum, Michx.
Scouleri, Hook.
triste, Cham.
umbellatum, L.
venosum, L.
vulgatum, Fries.

HOFMEISTERIA
pluriseta, Gray.

HULSEA
algida, Gray.
brevifolia, Gray.
Californica, T. & G.
heterochroma, Gray.
nana, Gray.
var. Larseni, Gray.
vestita, Gray.
var. pygmæa, Gray.

HYMENATHERUM
acerosum, Gray.
aureum, Gray.
concinnum, Gray.
Gnaphaliopsis, Gray.
Greggii, Gray.
Hartwegi, Gray.
Neo-Mexicanum, Gray.
pentachætum, DC.
polychætum, Gray.
setifolium, Gray. (Mex.)
tagetoides, Gray.
tenuilobum, DC.
Thurberi, Gray.
Treculii, Gray.
Wrightii, Gray.

HYMENOCLEA
monogyra, T. & G.
Salsola, T. & G.

HYMENOPAPPUS
artemisiæfolius, DC.
corymbosus, T. & G.
filifolius, Hook.
flavescens, Gray.
Mexicanus, Gray.
scabiosæus, L'Her.
tenuifolius, Pursh.

HYMENOTHRIX
Wislizeni, Gray.
Wrightii, Gray.

HYPOCHŒRIS
glabra, *L.*

INULA
Helenium, *L.*

ISOCARPHA
oppositifolia, R. Br.

IVA
ambrosiæfolia, Gray.
angustifolia, Nutt.
axillaris, Pursh.
var. pubescens, Gray.
ciliata, Willd.
dealbata, Gray.
frutescens, L.
Hayesiana, Gray.
imbricata, Walt.
microcephala, Nutt.
Nevadensis, M. E. Jones.
xanthiifolia, Nutt.

JAUMEA
carnosa, Gray.

KEERLIA
bellidifolia, Gray & Engelm.
effusa, Gray.

KRIGIA
amplexicaulis, Nutt.
Dandelion, Nutt.
montana, Nutt.
occidentalis, Nutt.
Virginica, Willd.

KUHNIA
eupatorioides, L.
var. corymbulosa, T. & G.
var. gracilis, T. & G.
rosmarinifolia, Vent.

LACTUCA
acuminata, Gray.
Canadensis, L.
Floridana, Gærtn.
graminifolia, Michx.
hirsuta, Muhl.
integrifolia, Bigel.
leucophæa, Gray.
var. integrifolia, Gray.
Ludoviciana, DC.
pulchella, DC.
Scariola, *L.*

LAGOPHYLLA
congesta, Greene.
dichotoma, Benth.
filipes, Gray.
glandulosa, Gray.
ramosissima, Nutt.

LAMPSANA
communis, *L.*

LAPHAMIA
angustifolia, Gray.
bisetosa, Torr.
cinerea, Gray.
halimifolia, Gray.
Lemmoni, Gray.
var. pedata, Gray.
Lindheimeri, Gray.
megacephala, Watson.
Palmeri, Gray.
rupestris, Gray.
Stansburii, Gray.

LASTHENIA
glaberrima, DC.
glabrata, Lindl.
var. Coulteri, Gray.

LAYIA
Calliglossa, Gray.
var. oligochæta, Gray.
carnosa, T. & G.
chrysanthemoides, Gray.
Douglasii, Hook. & Arn.
elegans, T. & G.
Fremonti, Gray.
gaillardioides, Hook. & Arn.
glandulosa, Hook. & Arn.
var. rosea, Gray.
heterotricha, Hook. & Arn.
var. major, Gray.
hieracioides, Hook. & Arn.
Jonesii, Gray.
pentachæta, Gray.
platyglossa, Gray.
var. breviseta, Gray.

LEONTODON
autumnalis, *L.*

LEPACHYS
columnaris, T. & G.
var. pulcherrima, T. & G.
peduncularis, T. & G.
var. picta, Gray.
pinnata, T. & G.
Tagetes, Gray.

LEPIDOSPARTUM
squamatum, Gray.

LEPTOSYNE
Arizonica, Gray.
Bigelovii, Gray.
calliopsidea, Gray.
var. nana, Gray.
Douglasii, DC.
gigantea, Kellogg.
maritima, Gray.
Stillmani, Gray.

LESSINGIA
Germanorum, Cham.
glandulifera, Gray.
Lemmoni, Gray.
leptoclada, Gray.
var. microcephala, Gray.
nana, Gray.
var. caulescens, Gray.
ramulosa, Gray.
var. adenophora, Gray.
var. tenuis, Gray.
virgata, Gray.

LEUCAMPYX
Newberryi, Gray.

LIATRIS
acidota, Engelm. & Gray.
var. mucronata, Gray.
Boykinii, T. & G.
Chapmanii, T. & G.
cylindracea, Michx.
elegans, Willd.
Garberi, Gray.
gracilis, Pursh.
graminifolia, Pursh.
var. dubia, Gray.
pauciflora, Pursh.
punctata, Hook.
pycnostachya, Michx.
scariosa, Willd.
var. squarrulosa, Gray.
spicata, Willd.
var. montana, Gray.
squarrosa, Willd.
var. intermedia, DC.
tenuifolia, Nutt.

LINDHEIMERA
Texana, Gray & Engelm.

LUINA
hypoleuca, Benth.
var. Californica, Gray.

LYGODESMIA
aphylla, DC.
var. Texana, T. & G.
exigua, Gray.
grandiflora, T. & G.
juncea, Don.
rostrata, Gray.
spinosa, Nutt.

MADIA
Bolanderi, Gray.
dissitiflora, T. & G.
elegans, Don.
filipes, Gray.
glomerata, Hook.
Nuttallii, Gray.
radiata, Kellogg.
sativa, Molina.
var. congesta, T. & G.
var. racemosa, Gray.
Yosemitana, Parry.

MALACOTHRIX
Californica, DC.
Clevelandi, Gray.
Coulteri, Gray.
Fendleri, Gray.
foliosa, Gray.
glabrata, Gray.
incana, T. & G.
insularis, Greene.
obtusa, Benth.
saxatilis, T. & G.
var. tenuifolia, Gray.
sonchoides, T. & G.
Torreyi, Gray.

MARSHALLIA
angustifolia, Pursh.
cæspitosa, Nutt.
lanceolata, Pursh.
var. platyphylla, Curtis.
latifolia, Pursh.

MATRICARIA
Chamomilla, L.
var. coronata, Gay.
discoidea, DC.
inodora, L.

MELAMPODIUM
cinereum, DC.
var. ramosissimum, Gray.
cupulatum, Gray. (Mex.)
hispidum, HBK.
longicornu, Gray.
perfoliatum, HBK.

MELANTHERA
deltoidea, Michx.
hastata, Michx.
lanceolata, Benth.

MICROPUS
amphibolus, Gray.
Californicus, Fisch. & Meyer.
var. subvestitus, Gray.

MICROSERIS
acuminata, Greene.
aphantocarpha, Gray.
var. tenella, Gray.
attenuata, Greene.
Bigelovii, Gray.
Bolanderi, Gray.
Douglasii, Gray.
elegans, Greene.
Howellii, Gray.
laciniata, Gray.
leptosepala, Gray.
Lindleyi, Gray.
linearifolia, Gray.
macrochæta, Gray.
major, Gray.
var. laciniata, Gray.
nutans, Gray.
Parryi, Gray.
platycarpha, Gray.
procera, Gray.
sylvatica, Gray.
var. Stillmani, Gray.
troximoides, Gray.

MIKANIA
cordifolia, Willd.
scandens, Willd.
var. pubescens, T. & G.

MONOLOPIA
bahiæfolia, Benth.
gracilens, Gray.
Heermanni, Durand.
major, DC.
var. lanceolata, Gray.
minor, DC.

MONOPTILON
bellidiforme, T. & G.

NICOLLETIA
Edwardsii, Gray
occidentalis, Gray.

ONOPORDON
acanthium, L.

OXYTENIA
acerosa, Nutt.

PALAFOXIA
Feayi, Gray.
linearis, Lag.

PARTHENICE
mollis, Gray.

PARTHENIUM
alpinum, T. & G.
argentatum, Gray.
Hysterophorus, L.
incanum, HBK.
integrifolium, L.
lyratum, Gray.

PECTIS
angustifolia, Torr.
ciliaris, L.
Coulteri, Gray.
filipes, Gray.
imberbis, Gray.
linifolia, Less.
longipes, Gray.
papposa, Gray.
prostrata, Cav.
punctata, Jacq.
Rusbyi, Greene.
tenella, DC.

PENTACHÆTA
alsinoides, Greene.
aurea, Nutt.
exilis, Gray.
var. aphantochæta, Gray.
Lyoni, Gray.

PEREZIA
microcephala, Gray.
nana, Gray.
runcinata, Lag.
Thurberi, Gray.
Wrightii, Gray.

PERICOME
caudata, Gray.

PERITYLE
aglossa, Gray.
Californica, Benth.
var. nuda, Gray.
coronopifolia, Gray.
dissecta, Gray.
Fitchii, Torr.
leptoglossa, Gray.
microglossa, Benth.
var. effusa, Gray.
Parryi, Gray.
plumigera, Gray.

PETASITES
frigida, Fries.
palmata, Gray.
sagittata, Gray.
vulgaris, *Desf.*

PEUCEPHYLLUM
Schottii, Gray.

PHALACROSERIS
Bolanderi, Gray.

PICRIS
hieracioides, *L.*
var. Japonica, Regel.

PINAROPAPPUS
roseus, Less.

PLUCHEA
bifrons, DC.
borealis, Gray.
camphorata, DC.

PLUMMERA
floribunda, Gray.

POLYMNIA
Canadensis, L.
var. radiata, Gray.
Uvedalia, L.

POLYPTERIS
callosa, Gray.
Hookeriana, Gray.
integrifolia, Nutt.
Texana, Gray.

POROPHYLLUM
amplexicaule, Engelm. (Mex.)
gracile, Benth.
macrocephalum, DC.
scoparium, Gray.

PRENANTHES
alata, Gray.
var. sagittata, Gray.
alba, L.
altissima, L.
aspera, Michx.
Boottii, Gray.
crepidinea, Michx.
Mainensis, Gray.
racemosa, Michx.
var. pinnatifida, Gray.
serpentaria, Pursh.
var. barbata, Gray.
var. nana, Gray.
virgata, Michx.

PSATHYROTES
annua, Gray.
pilifera, Gray.
ramosissima, Gray.
scaposa, Gray.

PSILACTIS
asteroides, Gray.
Coulteri, Gray.

PSILOCARPHUS
brevissimus, Nutt.
elatior, Gray.
globiferus, Nutt.
Oreganus, Nutt.
tenellus, Nutt.

PTEROCAULON
pycnostachyum, Ell.
virgatum, DC.

PYRRHOPAPPUS
Carolinianus, DC.
multicaulis, DC.
Rothrockii, Gray.
scaposus, DC.

RAFINESQUIA
Californica, Nutt.
Neo-Mexicana, Gray.

RAILLARDELLA
argentea, Gray.
Muirii, Gray.
Pringlei, Greene.
scaposa, Gray.
var. Eiseni, Gray.

RIDDELLIA
arachnoidea, Gray.
Cooperi, Gray.
tagetina, Nutt.
var. sparsiflora, Gray.

RIGIOPAPPUS
leptocladus, Gray.
var. longiaristatus, Gray.

RUDBECKIA
alismæfolia, T. & G.
amplexicaulis, Vahl.
atrorubens, Nutt.
bicolor, Nutt.
bupleuroides, Shuttl.
Californica, Gray.
fulgida, Ait.
grandiflora, C. C. Gmelin.
Heliopsidis, T. & G.
heterophylla, T. & G.
hirta, L.
laciniata, L.
var. humilis, Gray.
maxima, Nutt.
mollis, Ell.
montana, Gray.
nitida, Nutt.
var. longifolia, Gray.
occidentalis, Nutt.
spathulata, Michx.
speciosa, Wenderoth.
subtomentosa, Pursh.
triloba, L.
var. pinnatiloba, T. & G.
var. rupestris, Gray.

SANVITALIA
Aberti, Gray.
ocymoides, DC.

SARTWELLIA
Flaveriæ, Gray.
Mexicana, Gray. (Mex.)

SAUSSUREA
alpina, DC.
var. Ledebouri, Gray.
Americana, Eaton.

SCHKUHRIA
Hopkirkia, Gray.
Wrightii, Gray.

SCLEROCARPUS
uniserialis, Benth. & Hook.

SCLEROLEPIS
verticillata, Cass.

SENECIO
Actinella, Greene.
amplectens, Gray.
var. taraxacoides, Gray.
ampullaceus, Hook.
Arizonicus, Greene.
aronicoides, DC.
aureus, L.
var. Balsamitæ, T. & G.
var. borealis, T. & G.
var. compactus, Gray.
var. croceus, Gray.
var. obovatus, T. & G.
var. subnudus, Gray.
Bigelovii, Gray.
Bolanderi, Gray.
Californicus, DC.
canus, Hook.
Cardamine, Greene.
cernuus, Gray.
Clarkianus, Gray.
Clevelandi, Greene.
crassulus, Gray.
Douglasii, DC.
eremophilus, Richards.
eurycephalus, T. & G.
fastigiatus, Nutt.
var. Laynæ, Gray.
Fendleri, Gray.
Fremonti, T. & G.
var. occidentalis, Gray.
frigidus, Less.
Greenei, Gray.

Hartwegi, Benth.
Hookeri, T. & G.
Huachucanus, Gray.
hydrophilus, Nutt.
integerrimus, Nutt.
Lemmoni, Gray.
lobatus, Pers.
lugens, Richards.
  var. exaltatus, Gray.
  var. foliosus, Gray.
  var. ochroleucus, Gray.
Lyoni, Gray.
megacephalus, Nutt.
Mendocinensis, Gray.
Millefolium, T. & G.
Mohavensis, Gray.
multilobatus, T. & G.
Neo-Mexicanus, Gray.
palustris, Hook.
Parryi, Gray.
petræus, Klatt.
Pseudo-Arnica, Less.
rapifolius, Nutt.
renifolius, Porter.
resedifolius, Less.
  var. Columbiensis, Gray.
Rugelia, Gray.
Rusbyi, Greene.
serra, Hook.
  var. integriusculus, Gray.
Soldanella, Gray.
sylvaticus, L.
Thurberi, Gray.
Toluccanus, DC. (Mex.)
  var. microdontus, Gray.
tomentosus, Michx.
triangularis, Hook.
viscosus, L.
vulgaris, L.
werneriæfolius, Gray.
Whippleanus, Gray.

SERICOCARPUS
conyzoides, Nees.
rigidus, Lindl.
solidagineus, Nees.
tortifolius, Nees.

SILPHIUM
albiflorum, Gray.
asperrimum, Hook.
Asteriscus, L.
  var. angustatum, Gray.
  var. lævicaule, DC.
brachiatum, Gattinger.
compositum, Michx.
gracile, Gray.
integrifolium, Michx.
laciniatum, L.
perfoliatum, L.
scaberrimum, Ell.
terebinthinaceum, Jacq.
  var. pinnatifidum, Gray.
trifoliatum, L.
  var. latifolium, Gray.

SILYBUM
Marianum, Gærtn.

SOLIDAGO
amplexicaulis, T. & G.
arguta, Ait.
  var. Caroliniana, Gray.
bicolor, L.
  var. concolor, T. & G.
  var. lanata, Gray.
Bigelovii, Gray.
  var. Wrightii, Gray.
Boottii, Hook.
  var. brachyphylla, Gray.
  var. Ludoviciana, Gray.
Buckleyi, T. & G.
cæsia, L.
  var. axillaris, Gray.
  var. paniculata, Gray.
Californica, Nutt.
  var. Nevadensis, Gray.
Canadensis, L.
  var. Arizonica, Gray.
  var. canescens, Gray.
  var. procera, T. & G.
  var. scabra, T. & G.
Chapmani, Gray.
confertiflora, DC.
confinis, Gray.
corymbosa, Ell.
Curtisii, T. & G.
  var. pubens, Gray.
discoidea, T. & G.
Drummondii, T. & G.
Elliottii, T. & G.

elongata, Nutt.
flavovirens, Chapm.
Gattingeri, Chapm.
glomerata, Michx.
gracillima, T. & G.
Guiradonis, Gray.
Houghtoni, T. & G.
humilis, Pursh.
var. Gillmani, Gray.
var. nana, Gray.
juncea, Ait.
lanceolata, L.
lancifolia, T. & G.
latifolia, L.
Leavenworthii, T. & G.
lepida, DC.
leptocephala, T. & G.
Lindheimeriana, Scheele.
macrophylla, Pursh.
Marshalli, Rothrock.
Missouriensis, Nutt.
var. extraria, Gray.
var. montana, Gray.
monticola, T. & G.
multiradiata, Ait.
var. Neo-Mexicana, Gray.
var. scopulorum, Gray.
nana, Nutt.
neglecta, T. & G.
var. linoides, Gray.
nemoralis, Ait.
var. incana, Gray.
nitida, T. & G.
occidentalis, Nutt.
odora, Ait.
Ohioensis, Riddell.
patula, Muhl.
var. strictula, T. & G.
pauciflosculosa, Michx.
petiolaris, Ait.
var. angusta, Gray.
pilosa, Walt.
puberula, Nutt.
var. pulverulenta, Chapm.
pumila, T. & G.
radula, Nutt.
Riddellii, Frank.
rigida, L.
rugosa, Mill.
rupestris, Raf.
sempervirens, L.
var. viminea, Gray.
Shortii, T. & G.
serotina, Ait.
var. gigantea, Gray.
sparsiflora, Gray.
var. subcinerea, Gray.
spathulata, DC.
speciosa, Nutt.
var. angustata, T. & G.
var. rigidiuscula, T. & G.
spectabilis, Gray.
spithamæa, M. A. Curtis.
squarrosa, Muhl.
stricta, Ait.
var. angustifolia, Gray.
tenuifolia, Pursh.
Terræ-Novæ, T. & G.
Tolmieana, Gray.
tortifolia, Ell.
uliginosa, Nutt.
ulmifolia, Muhl.
var. microphylla, Gray.
verna, M. A. Curtis.
Virgaurea, L., var. alpina, Big.

SOLIVA
nasturtiifolia, DC.
sessilis, Ruiz & Pav.

SONCHUS
arvensis, L.
asper, Vill.
oleraceus, L.
tenerrimus, L.

SPILANTHES
repens, Michx.

STEPHANOMERIA
cichoriacea, Gray.
coronaria, Greene.
exigua, Nutt.
lactucina, Gray.
minor, Nutt.
myrioclada, Eaton.
paniculata, Nutt.
Parryi, Gray.
pentachæta, Eaton.
runcinata, Nutt.
Schottii, Gray.
Thurberi, Gray.
virgata, Benth.
Wrightii, Gray.

STEVIA
amabilis, Lemmon.
Lemmoni, Gray.
micrantha, Lag.
Plummeræ, Gray.
var. alba, Gray.
salicifolia, Cav.
serrata, Cav.

STOKESIA
cyanea, L'Her.

STYLOCLINE
filaginea, Gray.
gnaphalioides, Nutt.
micropoides, Gray.

SYNEDRELLA
vialis, Gray.

SYNTRICHOPAPPUS
Fremonti, Gray.
Lemmoni, Gray.

TAGETES
Lemmoni, Gray.
lucida, Cav. (Mex.)
micrantha, Cav.

TANACETUM
camphoratum, Less.
canum, Eaton.
capitatum, T. & G.
diversifolium, Eaton.
Huronense, Nutt.
Nuttallii, T. & G.
potentilloides, Gray.
vulgare, *L.*

TARAXACUM
officinale, Weber.
var. alpinum, Koch.
var. glaucescens, Koch.
var. lividum, Koch.
var. scopulorum, Gray.

TETRADYMIA
canescens, DC.
var. inermis, Gray.
comosa, Gray.
glabrata, Gray.
Nuttallii, T. & G.
spinosa, Hook. & Arn.
stenolepis, Greene.

TETRAGONOTHECA
helianthoides, L.
Ludoviciana, Gray.
var. repanda, Gray.
Texana, Gray & Engelm.

THELESPERMA
ambiguum, Gray.
filifolium, Gray.
gracile, Gray.
longipes, Gray.
subnudum, Gray.
subsimplicifolium, Gray.

TITHONIA
Thurberi, Gray.

TOWNSENDIA
Arizonica, Gray.
condensata, Parry.
eximia, Gray.
Fendleri, Gray.
florifer, Gray.
glabella, Gray.
grandiflora, Nutt.
incana. Nutt.
Parryi, Eaton.
var. alpina, Gray.
Rothrockii, Gray.
scapigera, Eaton.
var. ambigua, Gray.
var. caulescens, Eaton.
sericea, Hook.
var. leptotes, Gray.
spathulata, Nutt.
strigosa, Nutt.
Watsoni, Gray.
Wilcoxiana, Wood.

TRAGOPOGON
porrifolius, *L.*
pratensis, *L.*

TRICHOCORONIS
rivularis, Gray.
Wrightii, Gray.

TRICHOPTILIUM
incisum, Gray.

TRILISIA
odoratissima, Cass.
paniculata, Cass.

TRIXIS
angustifolia, DC.
var. latiuscula, Gray.

TROXIMON
alpestre, Gray.
apargioides, Less.
aurantiacum, Hook.
var. purpureum, Gray.
barbellulatum, Greene.
cuspidatum, Pursh.
glaucum, Nutt.
var. dasycephalum, T. & G.
var. laciniatum, Gray.
var. parviflorum, Gray.
gracilens, Gray.
var. Greenei, Gray.
grandiflorum, Gray.
heterophyllum, Greene.
var. Cryptopleura, Greene.
var. Kymapleura, Greene.
humile, Gray.
laciniatum, Gray.
Nuttallii, Gray.
retrorsum, Gray.

TUSSILAGO
Farfara, L.

VARILLA
Mexicana, Gray. (Mex.)
Texana, Gray.

VENEGASIA
carpesioides, DC.

VERBESINA
encelioides, Benth. & Hook.
helianthoides, Michx.
heterophylla, Gray.
longifolia, Gray.
nudicaulis, Gray.
occidentalis, Walt.
Virginica, L.
var. laciniata, Gray.
Warei, Gray.
Wrightii, Gray.

VERNONIA
altissima, Nutt.
var. grandiflora, Gray.
angustifolia, Michx.
var. pumila, Chapm.
var. scaberrima, Gray.
var. Texana, Gray.
Arkansana, DC.
Baldwinii, Torr.
fasciculata, Michx.
Jamesii, T. & G.
Lettermani, Engelm.
Lindheimeri, Gray & Eng.
Noveboracensis, Willd.
var. latifolia, Gray.
oligophylla, Michx.

VIGUIERA
canescens, DC.
cordifolia, Gray.
helianthoides, HBK.
laciniata, Gray.
Parishii, Greene.
reticulata, Watson.
tephrodes, Gray.

WEDELIA
carnosa, Pers.

WHITNEYA
dealbata, Gray.

WYETHIA
amplexicaulis, Nutt.
angustifolia, Nutt.
Arizonica, Gray.
coriacea, Gray.
glabra, Gray.
helenioides, Nutt.
helianthoides, Nutt.
longicaulis, Gray.
mollis, Gray.
ovata, T. & G.
reticulata, Greene.
scabra, Hook.

XANTHISMA
Texanum, DC.

XANTHIUM
Canadense, Mill.
var. echinatum, Gray.
spinosum, L.
strumarium, L.

XANTHOCEPHALUM
gymnospermoides, B. & H.
Wrightii, Gray.

ZEXMENIA
brevifolia, Gray.
hispida, Gray.
podocephala, Gray.

ZINNIA
acerosa, Gray.
anomala, Gray.
grandiflora, Nutt.
pauciflora, L.
pumila, Gray.

GOODENIACEÆ.

SCÆVOLA
Plumieri, Vahl.

LOBELIACEÆ.

DOWNINGIA
bicornuta, Gray.
elegans, Torr.
pulchella, Torr.

HOWELLIA
aquatilis, Gray.

LAURENTIA
carnosula, Benth.

LOBELIA
amœna, Michx.
var. glandulifera, Gray.
var. obtusata, Gray.
appendiculata, A. DC.
Boykini, T. & G.
brevifolia, Nutt.
Canbyi, Gray.
cardinalis, L.
Cliffortiana, L.
var. brachypoda, Gray.
var. Xalapensis, Gray.
Dortmanna, L.
Feayana, Gray.
fenestralis, Cav.
Gattingeri, Gray.
glandulosa, Walt.
gruina, Cav.
inflata, L.
Kalmii, L.
laxiflora, HBK., var. angustifolia, Gray. (Mex.)
leptostachys, A. DC.
Ludoviciana, Gray.
Nuttallii, Roem. & Schult.
paludosa, Nutt.
var. Floridana, Gray.
puberula, Michx.
var. glabella, Hook.
spicata, Lam.
var. hirtella, Gray.
var. parviflora, Gray.
splendens, Willd.
syphilitica, L.

NEMACLADUS
longiflorus, Gray.
ramosissimus, Nutt.
var. montanus, Gray.
var. pinnatifidus, Gray.
rigidus, Curran.

PALMERELLA
debilis, Gray.
var. serrata, Gray.

PARISHELLA
Californica, Gray.

CAMPANULACEÆ.

CAMPANULA
Americana, L.
aparinoides, Pursh.
divaricata, Michx.
Floridana, Watson.
glomerata, L.
lasiocarpa, Cham.
linnæifolia, Gray.
Parryi, Gray.
pilosa, Pall.
prenanthoides, Durand.
rapunculoides, L.
Reverchoni, Gray.
rotundifolia, L.
var. arctica, Lange.
var. Alaskana, Gray.
var. velutina, DC.
scabrella, Engelm.
Scouleri, Hook.
uniflora, L.

GITHOPSIS
diffusa, Gray.
specularioides, Nutt.

HETEROCODON
rariflorum, Nutt.

SPECULARIA
biflora, Gray.

leptocarpa, Gray.
Lindheimeri, Vatke.
perfoliata, A. DC.

SPHENOCLEA
Zeylanica, Gærtn.

ERICACEÆ.

ARCTOSTAPHYLOS
alpina, Spreng.
Andersonii, Gray.
bicolor, Gray.
diversifolia, Parry.
glauca, Lindl.
Hookeri, Don.
Nevadensis, Gray.
nummularia, Gray.
oppositifolia. Parry. (Mex.)
pumila, Nutt.
pungens, HBK.
var. platyphylla, Gray.
tomentosa, Dougl.
Uva-ursi, Spreng.

ANDROMEDA
ferruginea, Walt.
floribunda, Pursh.
ligustrina, Muhl.
var. pubescens, Gray.
Mariana, L.
nitida, Bartr.
phillyreifolia, Hook.
polifolia, L.
speciosa, Michx.

ALLOTROPA
virgata, T. & G.

ARBUTUS
Menziesii, Pursh.
Xalapensis, HBK. (Mex.)
var. Arizonica, Gray.
var. Texana, Gray.

BEJARIA
racemosa, Vent.

BRYANTHUS
Aleuticus, Gray.
Breweri, Gray.
empetriformis, Gray.
var. intermedius, Gray.
glanduliflorus, Gray.
taxifolius, Gray.

CALLUNA
vulgaris, Salisb.

CASSANDRA
calyculata, Don.
var. angustifolia, Gray.

CASSIOPE
hypnoides, Don.
lycopodioides, Don.
Mertensiana, Don.
Stelleriana, DC.
tetragona, Don.

CHIMAPHILA
maculata, Pursh.
Menziesii, Spreng.
umbellata, Nutt.

CHIOGENES
hispidula, T. & G.

CLADOTHAMNUS
pyrolæflorus, Bong.

CLETHRA
acuminata, Michx.
alnifolia, L.
var. tomentosa, Michx.

ELLIOTTIA
racemosa, Muhl.

EPIGÆA
repens, L.

GAULTHERIA
Myrsinites, Hook.
ovatifolia, Gray.
procumbens, L.
Shallon, Pursh.

GAYLUSSACIA
brachycera. Gray.
dumosa, T. & G.
var. hirtella, Gray.
frondosa, T. & G.
var. nana, Gray.
resinosa, T. & G.
ursina, T. & G.

KALMIA
angustifolia, L.
cuneata, Michx.
glauca, Ait.
hirsuta, Walt.
latifolia, L.

LEDUM
glandulosum, Nutt.
latifolium, Ait.
palustre, L.
var. dilatatum, Wahl.

LEIOPHYLLUM
buxifolium, Ell.
var. prostratum, Gray.

LEUCOTHOE
acuminata, Don.
axillaris, Don.
Catesbæi, Gray.
Davisiæ, Torr.
racemosa, Gray.
recurva, Gray.

LOISELEURIA
procumbens, Desv.

MENZIESIA
ferruginea, Smith.
glabella, Gray.
globularis, Salisb.

MONESES
uniflora, Gray.

MONOTROPA
fimbriata, Gray.
Hypopitys, L.
uniflora, L.

NEWBERRYA
congesta, Torr.
spicata, Gray. l.c.

OXYDENDRUM
arboreum, DC.

PLEURICOSPORA
fimbriolata, Gray.

PTEROSPORA
andromedea, Nutt.

PYROLA
aphylla, Smith.
chlorantha, Swartz.
var. occidentalis, Gray.
elliptica, Nutt.
minor, L.
oxypetala, C. F. Austin.
picta, Smith.
rotundifolia, L.
var. asarifolia, Hook.
var. bracteata, Gray.
var. incarnata, DC.
var. pumila, Hook.
var. uliginosa, Gray.
secunda, L.
var. pumila, Gray.

RHODODENDRON
albiflorum, Hook.
arborescens, Torr.
calendulaceum, Torr.
Californicum, Hook.
Catawbiense, Michx.
Chapmanii, Gray.
Kamtschaticum, Pall.
Lapponicum, Wahl.
macrophyllum, Don.
maximum, L.
nudiflorum, Torr.
occidentale, Gray.
punctatum, Andr.
Rhodora, Gmelin.
Vaseyi, Gray. Proc. xv. 403; 335. Bot. Jour. i. 376.
viscosum, Torr.
var. glaucum, Gray.
var. nitidum, Gray.

SARCODES
sanguinea, Torr.

SCHWEINITZIA Gray, Proc. xx. 300.
odorata, Ell.
Reynoldsiæ, Gray.

VACCINIUM
arboreum, Marshall.
cæspitosum, Michx.
var. arbuscula, Gray.
var. cuneifolium, Nutt.
Canadense, Kalm.
corymbosum, L.
var. amœnum, Gray.
var. atrococcum, Gray.
var. fuscatum, Gray.
var. pallidum, Gray.
crassifolium, Andr.
erythrocarpon, Michx.
formosum, Andr.
hirsutum, Buckley.
macrocarpon, Ait.
Myrsinites, Lam.
var. glaucum, Gray.
myrtilloides, Hook.

Myrtillus, L.
var. microphyllum, Hook.
nitidum, Andr.
occidentale, Gray.
ovalifolium, Smith.
ovatum, Pursh.
Oxycoccus, L.
var. intermedium, Gray.
parvifolium, Smith.
Pennsylvanicum, Lam.
var. angustifolium, Gray.
salicinum, Cham.
stamineum, L.
uliginosum, L.
var. mucronatum, Herder.
vacillans, Solander.
virgatum, Ait.
var. parvifolium, Gray.
var. tenellum, Gray.
Vitis-Idæa, L.

LENNOACEÆ.

AMMOBROMA
Sonoræ, Torr.

PHOLISMA
arenarium, Nutt.

DIAPENSIACEÆ.

DIAPENSIA
Lapponica, L.

GALAX
aphylla, L.

PYXIDANTHERA
barbulata, Michx.

SHORTIA
galacifolia, T. & G.

PLUMBAGINACEÆ.

ARMERIA
vulgaris, Willd.

PLUMBAGO
scandens, L.

STATICE
Brasiliensis, Boiss.
var. angustata, Gray.
Limonium, L.
var. Californica, Gray.
var. Caroliniana, Gray.

PRIMULACEÆ.

ANAGALLIS
arvensis, L.

ANDROSACE
Arizonica, Gray.
Chamæjasme, Host.
filiformis, Retz.
occidentalis, Pursh.
septentrionalis, L.
var. subulifera, Gray.

CENTUNCULUS
minimus, L.
pentandrus, R. Br.

DODECATHEON
Meadia, L.
var. alpinum, Gray.
var. brevifolium, Gray.
var. frigidum, Gray.
var. lancifolium, Gray.
var. latilobum, Gray.
var. macrocarpum, Gray.

DOUGLASIA
arctica, Hook.
lævigata, Gray.
montana, Gray.
nivalis, Lindl.
var. dentata, Gray.

GLAUX
maritima, L.

HOTTONIA
inflata, Ell.

LYSIMACHIA
asperulæfolia, Poir.
Fraseri, Duby.
nummularia, L.
quadrifolia, L.
stricta, Ait.
var. angustifolia, Chapm.
var. producta, Gray.
thyrsiflora, L.
vulgaris, L.

PRIMULA
angustifolia, Torr.
borealis, Duby.

CORRECTIONS.

In view of a possible second edition of this list, I will be glad to have subscribers make known any errors or omissions they may notice.

Page 82—The following is Dr Gray's latest arrangement of

DODECATHEON { Gray, Bot. Gaz. xi. 231. / Greene, Pitt. i. 209.

Media, L.
Jeffreyi, Moore.
var. alpinum, Gray.
elliptieum, Nutt.
Hendersoni, Gray.
frigidum, Cham. & Schl.
var. dentatum, Gray.

Page 146—Erase Redfieldia flexuosa, Vasey, ined. It is Graphephorum (?) flexuosum, Thurb.

cuneifolia, Ledeb.
Cusickiana, Gray.
Egaliksensis, Hornem.
farinosa, L.
Mistassinica, Michx.
nivalis, Pall.
Parryi, Gray.
Rusbyi, Greene.
Sibirica, Jacq.
suffrutescens, Gray.

SAMOLUS
ebracteatus, HBK.
Valerandi, L.
var. Americanus, Gray.

STEIRONEMA
ciliatum, Raf.
lanceolatum, Gray.
var. angustifolium, Gray.
var. hybridum, Gray.
longifolium, Gray.
radicans, Gray.

TRIENTALIS
Americana, Pursh.
Europæa, L.
var. arctica, Ledeb.
var. latifolia, Torr.

MYRSINACEÆ.

ARDISIA
Pickeringia, T. & G.

JACQUINIA
armillaris, L.
pungens, Gray.

MYRSINE
Rapanea, Rœm. & Schult.

SAPOTACEÆ.

BUMELIA
angustifolia, Nutt.
lanuginosa, Pers.
var. rigida, Gray.
olycioides, Pers.
reclinata, Vent.
tenax, Willd.

CHRYSOPHYLLUM
oliviforme, Lam.

DIPHOLIS
salicifolia, A. DC.

MIMUSOPS
Sieberi, A. DC.

SIDEROXYLON
mastichodendron, Jacq.

EBENACEÆ.

DIOSPYROS
Texana, Scheele.
Virginiana, L.

STYRACACEÆ.

HALESIA
diptera, L.
parviflora, Michx.
tetraptera, L.

STYRAX
Americana, Lam.
Californica, Torr.
grandifolia, Ait.
platanifolia, Engelm.
pulverulenta, Michx.

SYMPLOCOS
tinctoria, L'Her.

OLEACEÆ.

CHIONANTHUS
Virginica, L.

FORESTIERA
acuminata, Poir.
angustifolia, Torr.
ligustrina, Poir.
Neo-Mexicana, Gray.
var. Arizonica, Gray.
porulosa, Poir.
pubescens, Nutt.
sphærocarpa, Torr.
reticulata, Torr.

FRAXINUS
Americana, L.
var. microcarpa, Gray.
var. Texensis, Gray.
anomala, Torr.
cuspidata, Torr.
dipetala, Hook. & Arn.
var. brachyptera, Gray.
var. trifoliolata, Torr.
Greggii, Gray.
Oregana, Nutt.
pistaciæfolia, Torr.
var. coriacea, Gray.

platycarpa, Michx.
pubescens, Lam.
quadrangulata, Michx.
sambucifolia, Lam.
viridis, Michx. f.
var. Berlandieriana, Gray.

HESPERELÆA
Palmeri, Gray.

MENODORA
heterophylla, Moric.
longiflora, Gray.
pubens, Gray.
scabra, Gray.
scoparia, Engelm.
spinescens, Gray.

OSMANTHUS
Americana, Benth. & Hook.

APOCYNACEÆ.

AMSONIA
angustifolia, Michx.
var. Texana, Gray.
brevifolia, Gray.
longiflora, Torr.
Palmeri, Gray.
Tabernæmontana, Walt.
tomentosa, Torr.

APOCYNUM
androsæmifolium, L.
var. pumilum, Gray.
cannabinum, L.

CYCLADENIA
humilis, Benth.
var. tomentosa, Gray.

ECHITES
Andrewsii, Chapm.
paludosa, Vahl.
Sagræi, A. DC.
umbellata, Jacq.

HAPLOPHYTON
cimicidum, A. DC.

MACROSIPHONIA
Berlandieri, Gray.
brachysiphon, Gray.
Wrightii, Gray.

TRACHELOSPERMUM
difforme, Gray.

VALLESIA
glabra, Cav.

VINCA
rosea, L.

ASCLEPIADACEÆ.

ACERATES
auriculata, Engelm.
bifida, Rusby.
lanuginosa, Decaisne.
longifolia, Ell.
viridiflora, Ell.
var. lanceolata, Gray.
var. linearis, Gray.

ANANTHERIX
connivens, Gray.

ASCLEPIAS
amplexicaulis, Michx.
arenaria, Torr.
brachystephana, Engelm.
cinerea, Walt.
Cornuti, Decaisne.
cryptoceras, Watson.
Curassavica, L.
Curtissii, Gray.
eriocarpa, Benth.
erosa, Torr.
var. obtusa, Gray.
Feayi, Chapm.
Fremonti, Torr.
glaucescens, HBK.
Hallii, Gray.
incarnata, L.
var. longifolia, Gray.
var. pulchra, Pers.
involucrata, Engelm.
Jamesii, Torr.
Lemmoni, Gray.
Linaria, Cav.
longicornu, Benth.
macrotis, Torr.
Meadii, Torr.
Mexicana, Cav.
Michauxii, Decaisne.
nummularia, Torr.
nyctaginifolia, Gray.
obovata, Ell.
obtusifolia, Michx.
ovalifolia, Decaisne.
paupercula, Michx.
perennis, Walt.
var. parvula, Gray.

phytolaccoides, Pursh.
purpurascens, L.
quadrifolia, L.
quinquedentata, Gray.
rubra, L.
speciosa, Torr.
stenophylla, Gray.
subulata, Decaisne.
Sullivantii, Engelm.
tomentosa, Ell.
tuberosa, L.
  var. decumbens, Pursh.
uncialis, Greene.
variegata, L.
verticillata, L.
  var. pumila, Gray.
  var. subverticillata, Gray.
vestita, Hook. & Arn.
  var. Mohavensis, Gray.
viridula, Chapm.

ASCLEPIODORA
decumbens, Gray.
viridis, Gray.
  var. angustior, Gray.

ASTEPHANUS
Utahensis, Engelm.

ENSLENIA
albida, Nutt.

GOMPHOCARPUS
cordifolius, Benth.
hypoleucus, Gray.
tomentosus, Gray.
  var. Xanti, Gray.

GONOLOBUS
Baldwinianus, Sweet.
biflorus, Nutt.
  var. Wrightii, Gray.
Carolinensis, R. Br.
cynanchoides, Engelm.
hastulatus, Gray. (L. Cal.)
hirsutus, Michx.
  var. flavidulus, Gray.
lævis, Michx.
  var. macrophyllus, Gray.
obliquus, R. Br.
parviflorus, Gray.
parvifolius, Torr.
productus, Torr.
pubiflorus, Engelm.
reticulatus, Engelm.
sagittifolius, Gray.
Shortii, Gray.
suberosus, R. Br.

HIMENOSTEMMA
Pringlei, Gray. (Mex.)

LACHNOSTOMA
Arizonicum, Gray.

MELINIA
angustifolia, Gray.

METASTELMA
Arizonicum, Gray.
Bahamense, Griseb.
barbigerum, Scheele.
Blodgettii, Gray.
Palmeri, Watson.

PERIPLOCA
Græca, L.

PHEROTRICHIS
Schaffneri, Gray.

PHILIBERTIA
cynanchoides, Gray.
linearis, Gray.
  var. heterophylla, Gray.
  var. hirtella, Gray.
Torreyi, Gray.
undulata, Gray.
viminalis, Gray.

PODOSTIGMA
pubescens, Ell.

ROTHROCKIA
cordifolia, Gray. (Mex.)

ROULINIA
unifaria, Engelm.

SCHIZONOTUS
purpurascens, Gray.

VINCETOXICUM
nigrum, *Mœnch*.
palustre, Gray.
scoparium, Gray.

LOGANIACEÆ.

BUDDLEIA
Humboldtiana, Rœm. & Sch.

lanceolata, Benth. (Mex.)
marrubiifolia, Benth.
Pringlei, Gray.
racemosa, Torr.
var. incana, Torr.
scordioides, HBK.

EMORYA
suaveolens, Torr.

GELSEMIUM
sempervirens, Ait.

MITREOLA
petiolata, T. & G.
sessiliflora, T. & G.

POLYPREMUM
procumbens, L.

SPIGELIA
gentianoides, Chapm.
Lindheimeri, Gray.
loganioides, A. DC.
Marilandica, L.
Texana, A. DC.

GENTIANACEÆ.

BARTONIA
tenella, Muhl.
verna, Muhl.

ERYTHRÆA
Beyrichii, T. & G.
calycosa, Buckley.
var. Arizonica, Gray.
var. nana, Gray.
Centaurium, Pers.
Douglasii, Gray.
floribunda, Benth.
Muhlenbergii, Griseb.
nudicaulis, Engelm.
Nuttallii, Watson.
ramosissima, Pers.
spicata, Pers.
Texensis, Griseb.
trichantha, Griseb.
venusta, Gray.

EUSTOMA
Russellianum, Griseb.
var. gracile, Gray.
silenifolium, Salisb.

FRASERA
albicaulis, Dougl.
albomarginata, Watson.
Carolinensis, Walt.
nitida, Benth.
paniculata, Torr.
Parryi, Torr.
speciosa, Dougl.
thyrsiflora, Hook.

GENTIANA
affinis, Griseb.
alba, Muhl.
Amarella, L., v'r. acuta, Hk. f.
var. stricta, Watson.
var. tenuis, Gray.
Andrewsii, Griseb.
angustifolia, Michx.
arctophila, Griseb.
aurea, L.
auriculata, Pall.
barbellata, Engelm.
Bigelovii, Gray.
calycosa, Griseb.
crinita, Frœl.
Douglasiana, Bong.
Elliottii, Chapm.
Forwoodii, Gray.
frigida, Hænke.
glauca, Pall.
heterosepala, Engelm.
humilis, Stev.
linearis, Frœl.
var. lanceolata, Gray.
Menziesii, Griseb.
microcalyx, Lemmon.
Newberryi, Gray.
nivalis, L.
ochroleuca, Frœl.
Oregana, Engelm.
Parryi, Engelm.
platypetala, Griseb.
propinqua, Richards.
var. densiflora, Griseb.
prostrata, Hænke.
puberula, Michx.
quinqueflora, Lam.
var. occidentalis, Gray.
var. parviflora, Raf.
Rusbyi, Greene.
Saponaria, L.
sceptrum, Griseb.
serrata, Gunner.
var. grandis, Gray.
var. holopetala, Gray.

Address— WILL. THRELFALL, F.L.S.,
HOLLOWFORTH, NR. PRESTON,
LANCASHIRE, ENGLAND.

SIR,

I beg to send you this list of Gentians in which I have given the localities in which the different species are found; the names and localities I have taken from Prof. Asa Gray's *Flora of North America*. I collect all Gentians with a view to determine their specific importance and the relationship which exists between the different species, especially between those of the New and of the Old world.

The investigation which I have already commenced can only be thorough when I have grown as many as possible of the species for several years, and have observed them in a living state, and have raised plants from seed to see in what way the seedlings of some species may vary.

If you can yourself help me in procuring plants, seeds, or (in the absence of these) dried specimens, or if you can put me in communication with anyone else who can help me in this way you will render me a great service, which I will endeavour to return either by sending you European or Asiatic species of plants in which you may be interested or by paying for the plants sent.

If you will also let me know the localities from which the plants have come you will greatly oblige.

Yours truly,

WILL. THRELFALL, F.L.S.

LIST OF GENTIANS.

Gentiana ventricosa, Griseb. Grand Rapids of Saskatchewan, between Cumberland House and Hudson's Bay.

G. crinita, Frœl. Low grounds, Canada to Dakota, and southward to the mountains of Georgia.

G. serrata, Gunner. Wet grounds, Newfoundland, Canada, and N.W., New York to Saskatchewan and northward, and west to Colorado, and W. Nevada.

var. **grandis.** S.E. Arizona, between Barbacomori and Santa Cruz.

var. **halopetala**, Gray. Sierra Nevada, California at 5000 to 10,000 feet, and Oregon.

G. simplex, Gray. Higher parts of the Sierra Nevada, California, to adjacent portion of Oregon.

G. barbellata, Engelm. Alpine region of the Rocky Mountains in Colorado.

G. tenella, Rottb. High Alpine region of the Rocky Mountains in Colorado, Utah and Idaho, Unalaschka and Kotzebue Sound.

G. auriculata, Pall. Islands between N.E. Asia and America, and even on the N.W. American coast.

G. heterosepala, Engelm. Utah, in Uinta and Wahsatch Mountains; New Mexico in the Saudia Mountains.

G. Wrightii. S.E. Arizona, in springy ground near Santa Cruz.

G. Amarella, L.

var. **acuta**, Hook. f. Labrador and Lower Canada to Alaska, and south along the Rocky Mountains to New Mexico, in the Sierra Nevada of California, and thence far northward.

var. **stricta**, Watson. Mountains of Nevada, Idaho, and Wyoming.

var. **tenuis.** Mackenzie River and Bear Lake.

G. Wislizeni, Engelm. Sierra Blanca, S. Arizona.

G. aurea, L. Unalaschka, &c. Also Sitka.

G. propinqua, Richards. Labrador to Bear Lake, the northern Rocky Mountains, Kotzebue Sound, &c.

var. **densiflora**, Griseb. Alpine swamps of the Rocky Mountains.

G. arctophila, Griseb. Alpine region of the northern Rocky Mountains.

G. quinqueflora, Lam. Moist hills, Canada, Maine to Michigan, and along the Alleghanies to Florida.

var. occidentalis, Gray. Ohio to Minnesotah, and south to Tennessee and Louisiana.

var. parviflora, Raf. Virginia, Kentucky, &c.

G. microcalyx, Lemmon. Chirricahua Mountains, South Arizona.

G. nivalis, L. Labrador.

G. Forwoodii, Gray. Rocky Mountains in Dakota and Montana.

G. Bigelovii, Gray. Mountains of S. Colorado and New Mexico, and also S.W. Arizona.

G. Rusbyi, Greene. Mogollon Mountains, New Mexico.

G. Douglasiana, Boug. Alaska to Oregon.

G. humilis, Stev. Grassy banks of streams in the Rocky Mountains, Wyoming to Colorado.

G. prostrata, Hoenke. Alpine regions of the Rocky Mountains, from Colorado northward, and to Kotzebue Sound, Aleutian Islands, &c.

G. glauca, Pall. Higher and northern Rocky Mountains to Kotzebue Sound.

G. frigida, Hoenke. Alpine region of the Rocky Mountains in Colorado and Utah, St. Paul and Shumagin Islands.

G. Newberryi, Gray. Sierra Nevada, California, in or near the Alpine region, from Mariposa co. north to S. Oregon.

G. setigera, Gray. California, on Red Mountain, Mendocino co., in damp soil.

G. calycosa, Griseb. Sierra Nevada, California, Oregon, and Rocky Mountains, lat 42^0—49^0.

G. Parryi, Engelm. Alpine and sub-alpine regions in the Rocky Mountains, New Mexico, Colorado, Utah, and N.E. Nevada.

G. platypetala, Griseb. Sitka, Kotzebue.

G. Menziesii, Griseb. Bogs, W. Oregon to Mendocino co., California.

[T. O.

G. sceptrum, Griseb. W. Oregon to British Columbia.

G. Oregana, Engelm. Brit. Columbia and W. Idaho to Oregon and W. California.

G. affinis, Griseb. Rocky Mountains from New Mexico and Colorado, and from the Sierra Nevada, California, to British Columbia, thence east to the Saskatchewan.

G. puberula, Michx. Dry prairies and barrens, Ohio, Kentucky, and Kansas, to Wisconsin and Minnesota.

G. Elliottii, Chapm. S. Carolina (?) to Florida.

G. Saponaria, L. Moist woods, W. Canada and New York to Florida and Louisiana.

G. Andrewsii, Griseb. Moist ground, New England and Canada to Saskatchewan, and south to the upper parts of Georgia.

G. alba, Muhl. Low grounds and mountain meadows, W. Canada and Lake Superior, south to Illinois, Kentucky, and the mountains of Virginia, east to Pennsylvania and New York (?)

G. linearis, Frœl. Bogs, along the Alleghanies of Maryland and Pennsylvania to northern New York and New England, New Brunswick, and towards Hudson's Bay.

var. lanceolata. Minnesota, and along Lake Superior. Also Herkimer co., New York.

G. ochroleuca, Frœl. Dry or damp grounds, Pennsylvania to Florida and Louisiana.

G. angustifolia, Michx. Low pine-barrens, New Jersey (not Canada) to Florida.

setigera, Gray.
simplex, Gray.
tenella, Rottb.
ventricosa, Griseb.
Wislizeni, Engelm.
Wrightii, Gray.

HALENIA
deflexa, Griseb.
var. Brentoniana, Gray.
Rothrockii, Gray.

LIMNANTHEMUM
lacunosum, Griseb.
trachyspermum, Gray.

MICROCALA
quadrangularis, Griseb.

MENYANTHES
Crista-galli, Menzies.
trifoliata, L.

OBOLARIA
Virginica, L.

PLEUROGYNE
Carinthiaca, Griseb., var. pusilla, Gray.
rotata, Griseb.

SABBATIA
angularis, Pursh.
Boykini, Gray.
brachiata, Ell.
calycosa, Pursh.
campestris, Nutt.
chloroides, Pursh.
var. stricta, Gray.
Elliottii, Steud.
gentianoides, Ell.
gracilis, Salisb.
var. grandiflora, Gray.
lanceolata, T. & G.
macrophylla, Hook.
paniculata, Pursh.
stellaris, Pursh.

SWERTIA
perennis, L.

VOYRIA
Mexicana, Griseb.

POLEMONIACEÆ.

GILIA
achilleæfolia, Benth.
aggregata, Spreng.
var. attenuata, Gray.
var. Bridgesii, Gray.
androsacea, Steud.
var. detonsa, Gray.
var. rosacea, Gray.
aristella, Gray.
atractyloides, Steud.
aurea, Nutt.
var. decora, Gray.
bella, Gray. (L. Cal.)
Bigelovii, Gray.
Bolanderi, Gray.
Brandegei, Gray.
var. Lambornii, Gray.
brevicula, Gray.
Breweri, Gray.
cæspitosa, Gray.
Californica, Benth.
campanulata, Gray.
capillaris, Kellogg.
capitata, Dougl.
ciliata, Benth.
congesta, Hook.
var. crebrifolia, Gray.
coronopifolia, Pers.
cotulæfolia, Steud.
debilis, Watson.
demissa, Gray.
densiflora, Benth.
densifolia, Benth.
var. elongata, Gray.
depressa, M. E. Jones.
dianthoides, Endl.
dichotoma, Benth.
divaricata, Torr.
Dunnii, Kellogg. (L. Cal.)
filicaulis, Torr.
filifolia, Nutt.
var. diffusa, Gray.
filiformis, Parry.
floccosa, Gray.
floribunda, Gray.
glutinosa, Gray.
grandiflora, Gray.
gracilis, Hook.
Gunnisoni, T. & G.
guttata, Gray. (L. Cal.)
Harknessii, Curran.
Havardi, Gray.
Haydeni, Gray.

heterophylla, Dougl.
iberidifolia, Benth.
incisa, Benth.
inconspicua, Dougl.
  var. sinuata, Gray.
intertexta, Steud.
Jonesii, Gray.
latiflora, Gray.
  var. exilis, Gray.
latifolia, Watson.
Lemmoni, Gray.
leptomeria, Gray.
leptotes, Gray.
leucocephala, Gray.
linearis, Gray.
  var. subulata, Gray.
liniflora, Benth.
  var. pharnaceoides, Gray.
longiflora, Don.
lutescens, Steud.
Macombii, Torr.
Matthewsii, Gray.
micrantha, Steud.
  var. longituba, Gray.
micromeria, Gray.
minima, Gray.
minutiflora, Benth.
multicaulis, Benth.
  var. tenera, Gray.
multiflora, Nutt.
Nevinii, Gray.
nudicaulis, Gray.
Nuttallii, Gray.
Orcuttii, Parry. (L. Cal.)
Parryæ, Gray.
pinnatifida, Nutt.
polycladon, Torr.
prostrata, Gray.
pumila, Nutt.
pungens, Benth.
  var. cæspitosa, Gray.
  var. Hookeri, Gray.
  var. squarrosa, Gray.
pusilla, Benth.
  var. Californica, Gray.
Rattani, Gray.
rigidula, Benth.
  var. acerosa, Gray.
Schottii, Watson.
setosissima, Gray.
spicata, Nutt.
  var. capitata, Gray.
squarrosa, Hook. & Arn.
stenothyrsa, Gray.
subnuda, Torr.
tenella, Benth.
tenerrima, Gray.
tenuiflora, Benth.
tenuifolia, Gray.
Thurberi, Gray.
tricolor, Benth.
virgata, Steud.
  var. floribunda, Gray.
viscidula, Gray.
  var. heterodoxa, Gray.
Watsoni, Gray.
Wrightii, Gray.

LŒSELIA

glandulosa, Don.

PHLOX

adsurgens, Torr.
amœna, Sims.
bifida, Beck.
bryoides, Nutt.
cæspitosa, Nutt.
canescens, T. & G.
divaricata, L.
Drummondii, Hook.
  var. tenuis, Gray.
  var. villosissima, Gray.
Douglasii, Hook.
  var. diffusa, Gray.
  var. longifolia, Gray.
Floridana, Benth.
glaberrima, L.
  var. suffruticosa, Gray.
Hoodii, Richards.
linearifolia, Gray.
longifolia, Nutt.
  var. brevifolia, Gray.
  var. Stansburyi, Gray.
maculata, L.
  var. candida, Michx.
muscoides, Nutt.
nana, Nutt.
ovata, L.
paniculata, L.
pilosa, L.
  var. detonsa, Gray.
reptans, Michx.

Richardsonii, Hook.
Rœmeriana, Scheele.
Sibirica, L.
speciosa, Pursh.
var. Sabini, Gray.
var. Woodhousei, Gray.
Stellaria, Gray.
subulata, L.

POLEMONIUM
cæruleum, L.
var. acutiflorum, Ledeb.
carneum, Gray.
var. luteum, Gray.
confertum, Gray.
var. mellitum, Gray.
flavum, Greene.
foliosissimum, Gray.
humile, Willd.
var. pulchellum, Gray.
micranthum, Benth.
pectinatum, Greene.
reptans, L.
viscosum, Nutt.

HYDROPHYLLACEÆ.

CONANTHUS
aretioides, Watson.

DRAPERIA
systyla, Torr.

ELLISIA
chrysanthemifolia, Benth.
membranacea, Benth.
Nyctelea, L.
Torreyi, Gray.
var. Orcuttii, Gray. (L. Cal.)

EMMENANTHE
glaberrima, Torr.
glandulifera, Torr.
lutea, Gray.
parviflora, Gray.
penduliflora, Benth.
pusilla, Gray.

ERIODICTYON
angustifolium, Nutt.
var. pubens, Gray.
glutinosum, Benth.
sessilifolium, Greene. (L. Cal.)
tomentosum, Benth.

HESPEROCHIRON
Californicus, Watson.
pumilus, T. C. Porter.

HYDROLEA
affinis, Gray.
Caroliniana, Michx.
corymbosa, Ell.
ovata, Nutt.

HYDROPHYLLUM
appendiculatum, Michx.
Canadense, L.
capitatum, Dougl.
var. alpinum, Watson.
macrophyllum, Nutt.
occidentale, Gray.
var. Fendleri, Gray.
var. Watsoni, Gray.
Virginicum, L.

LEMMONIA
Californica, Gray.

NAMA
Coulteri, Gray.
demissum, Gray.
depressum, Lemmon.
dichotomum, Chois., var. angustifolium, Gray.
Havardi, Gray.
hispidum, Gray.
Jamaicense, L.
Lobbii, Gray.
origanifolium, HBK.
Parryi, Gray.
pusillum, Lemmon.
Rothrockii, Gray.
stenocarpum, Gray.
stenophyllum, Gray.
undulatum, HBK., var. macranthum, Chois.

NEMOPHILA
aurita, Lindl.
breviflora, Gray.
insignis, Dougl.
maculata, Benth.
Menziesii, Hook. & Arn.
microcalyx, Fisch. & Meyer.
parviflora, Dougl.
phacelioides, Nutt.
racemosa, Nutt.

PHACELIA
affinis, Gray. (L. Cal.)
Arizonica, Gray.
bicolor, Torr.
bipinnatifida, Michx.
var. brevistylis, Gray.
Bolanderi, Gray.
brachyloba, Gray.
Breweri, Gray.
cærulea, Greene.
campanularia, Gray.
cephalotes, Gray.
ciliata, Benth.
circinata, Jacq. f.
var. calycosa, Gray.
circinatiformis, Gray.
congesta, Hook.
var. dissecta, Gray.
crassifolia, Torr.
crenulata, Torr.
curvipes, Torr.
Davidsonii, Gray.
demissa, Gray.
distans, Benth.
divaricata, Gray.
Douglasii, Torr.
fimbriata, Michx.
var. (?) Boykini, Gray.
floribunda, Greene.
Franklinii, Gray.
Fremontii, Torr.
glabra, Nutt.
glandulosa, Nutt.
glechomæfolia, Gray.
grandiflora, Gray.
grisea, Gray.
gymnoclada, Torr.
hispida, Gray.
humilis, T. & G.
var. calycosa, Gray.
hydrophylloides, Torr.
infundibuliformis, Torr.
integrifolia, Torr.
var. Palmeri, Gray.
Ivesiana, Torr.
ixodes, Kellogg. (L. Cal.)
Lemmoni, Gray.
loasæfolia, Torr.
longipes, Torr.
Lyoni, Gray.
malvæfolia, Cham.
Menziesii, Torr.
micrantha, Torr.
Mohavensis, Gray.
var. exilis, Gray.
namatoides, Gray.
Neo-Mexicana, Thurb.
Orcuttiana, Gray. (L. Cal.)
pachyphylla, Gray.
Parishii, Gray.
Parryi, Torr.
parviflora, Pursh.
var. hirsuta, Gray.
patuliflora, Gray.
pedicellata, Gray.
phyllomanica, Gray. (L. Cal.)
platyloba, Gray.
Popei, T. & G.
Pringlei, Gray.
procera, Gray.
pulchella, Gray.
Purshii, Buckl.
pusilla, Torr.
ramosissima, Dougl.
var. suffrutescens, Parry.
Rattani, Gray.
rotundifolia, Torr.
saxicola, Gray.
sericea, Gray.
var. Lyallii, Gray.
strictiflora, Gray.
tanacetifolia, Benth.
viscida, Torr.
var. albiflora, Gray.
Whitlavia, Gray.

ROMANZOFFIA
Sitchensis, Bong.
Unalaschkensis, Cham.

TRICARDIA
Watsoni, Torr.

BORRAGINACEÆ.

AMSINCKIA
echinata, Gray.
intermedia, Fisch. & Meyer.
lycopsoides, Lehm.
var. bracteosa, Gray.
spectabilis, Fisch. & Meyer.
tessellata, Gray.

vernicosa, Hook. & Arn.
var. grandiflora, Gray.

ANTIPHYTUM
floribundum, Gray.
heliotropioides, A. DC.

ASPERUGO
procumbens, *L.*

BOURRERIA
Havanensis, Miers.
var. radula, Gray.

COLDENIA
canescens, DC.
Greggii, Gray.
hispidissima, Gray.
Nuttallii, Hook.
Palmeri, Gray.

CORDIA
Boissieri, A. DC.
globosa, HBK.
Greggii, Torr. (Mex.)
podocephala, Torr.
Sebestena, L.

CYNOGLOSSUM
grande, Dougl.
var. læve, Gray.
Howardi, Gray.
occidentale, Gray.
officinale, *L.*
Virginicum, L.

ECHIDIOCARYA
Arizonica, Gray.

ECHINOSPERMUM
brachycentrum, Ledeb., var.
brachystylum, Gray.
Californicum, Gray.
ciliatum, Gray.
deflexum, Lehm., var. Americanum, Gray.
diffusum, Lehm.
floribundum, Lehm.
Greenei, Gray.
hispidum, Gray.
Lappula, *Lehm.*
pinetorum, Greene.
Redowskii, Lehm., var. cupulatum, Gray.
var. occidentale, Watson.
ursinum, Greene.
Virginicum, Lehm.

ECHIUM
vulgare, *L.*

EHRETIA
elliptica, DC.

HARPAGONELLA
Palmeri, Gray.

HELIOTROPIUM
anchusæfolium, *Poir.*
angustifolium, Torr.
confertifolium, Torr.
convolvulaceum, Gray.
Curassavicum, L.
Europœum, *L.*
glabriusculum, Gray.
Greggii, Torr.
Indicum, *L.*
inundatum, Swartz.
parviflorum, L.
phyllostachyum, Torr.
polyphyllum, Lehm.
var. Leavenworthii, Gray.
tenellum, Torr.

KRYNITZKIA
affinis, Gray.
ambigua, Gray.
angustifolia, Gray.
barbigera, Gray.
Californica, Gray.
var. subglochidiata, Gray.
Chorisiana, Gray.
circumscissa, Gray.
Cooperi, Gray.
crassisepala, Gray.
dichotoma, Greene.
dumetorum, Greene.
Fendleri, Gray.
floribunda, Gray.
fulvocanescens, Gray.
glomerata, Gray.
heliotropioides, Gray.
holoptera, Gray.
intermedia, Gray.
Jamesii, Gray.
Jonesii, Gray.
leiocarpa, Fisch. & Meyer.
leucophæa, Gray.
lithocarya, Greene.
maritima, Greene.
micrantha, Gray.
var. lepida, Gray.

micromeres, Gray.
microstachys, Greene.
Mohavensis, Greene.
mollis, Gray.
muriculata, Gray.
oxycarya, Gray.
oxygona, Gray.
Parryi, Gray. (Mex.)
Pattersoni, Gray.
plebeia, Gray.
pterocarya, Gray.
pusilla, Gray.
racemosa, Greene.
ramosa, Gray.
ramosissima, Greene.
Scouleri, Gray.
sericea, Gray.
setosissima, Gray.
sparsiflora, Greene.
Texana, Gray.
Torreyana, Gray.
var. calycosa, Gray.
trachycarpa, Gray.
Utahensis, Gray.
virgata, Gray.
Watsoni, Gray.

LITHOSPERMUM
angustifolium, Michx.
arvense, L.
Californicum, Gray.
canescens, Lehm.
Cobrense, Greene.
glabrum, Gray.
hirtum, Lehm.
latifolium, Michx.
Matamorense, DC.
multiflorum, Torr.
officinale, L.
pilosum, Nutt.
tuberosum, Rugel.
viride, Greene.

LYCOPSIS
arvensis, L.

MERTENSIA
alpina, Don.
lanceolata, DC.
var. Fendleri, Gray.
maritima, Don.
oblongifolia, Don.
paniculata, Don.
var. nivalis, Watson.
Sibirica, Don.
var. Drummondii, Gray.
Virginica, DC.

MYOSOTIS
arvensis, Hoffm.
laxa, Lehm.
palustris, *With.*
sylvatica, Hoffm., var. alpestris, Koch.
verna, Nutt.
var. macrosperma, Chapm.
versicolor, *Pers.*

OMPHALODES
Howardi, Gray.
nana, Gray.
var. aretioides, Gray.
var. Chamissonis, Gray.

ONOSMODIUM
Bejariense, DC.
Carolinianum, DC.
var. molle, Gray.
Thurberi, Gray.
Virginianum, DC.

PECTOCARYA
linearis, DC.
penicillata, A. DC.
pusilla, Gray.
setosa, Gray.

PLAGIOBOTHRYS
Arizonicus, Greene.
var. Catalinensis, Gray.
canescens, Benth.
Cooperi, Gray.
glomeratus, Gray.
hispidus, Gray.
Jonesii, Gray.
Kingii, Gray.
nothofulvus, Gray.
rufescens, Fisch. & Meyer.
Shastensis, Greene.
tenellus, Gray.
Torreyi, Gray.
ursinus, Gray.

SYMPHYTUM
officinale, L.

TOURNEFORTIA
gnaphalodes, R. Br.
mollis, Gray.
volubilis, L.

CONVOLVULACEÆ.

BREWERIA
aquatica, Gray.
grandiflora, Gray.
humistrata, Gray.
ovalifolia, Gray.
Pickeringii, Gray.

CONVOLVULUS
arvensis, L.
Californicus, Choisy.
Havanensis, Jacq.
hermannioides, Gray.
incanus, Vahl.
longipes, Watson.
luteolus, Gray.
macrostegius, Greene.
occidentalis, Gray.
var. tenuissimus, Gray.
pentapetaloides, L.
sepium, L., var. Americanus, Sims.
var. repens, Gray.
Soldanella, L.
spithamæus, L.
villosus, Gray.
var. fulcratus, Gray.

CRESSA
Cretica, L., var. Truxillensis, Choisy.

CUSCUTA
applanata, Engelm.
arvensis, Beyrich.
Californica, Choisy.
var. breviflora, Engelm.
var. longiloba, Engelm.
chlorocarpa, Engelm.
compacta, Juss.
cuspidata, Engelm.
decora, Chois., var. indecora, Engelm.
var. pulcherrima, Engelm.
denticulata, Engelm.
epilinum, Weihe.
exaltata, Engelm.
glomerata, Choisy.
Gronovii, Willd.
var. calyptrata, Engelm.
var. curta, Engelm.
var. latiflora, Engelm.
inflexa, Engelm.
leptantha, Engelm.
obtusiflora, HBK., var. glandulosa, Engelm.
odontolepis, Engelm.
racemosa, Mart., var. Chilliana, Engelm.
rostrata, Shuttlew.
salina, Engelm.
squamata, Engelm.
subinclusa, Durand & Hilg.
tenuiflora, Engelm.
umbellata, HBK.

DICHONDRA
argentea, Willd.
repens, Forst.

EVOLVULUS
alsinoides, L.
Arizonicus, Gray.
argenteus, Pursh.
lætus, Gray.
linifolius, L.
mucronatus, Swartz.
sericeus, Swartz.
var. discolor, Gray.

IPOMŒA
barbatisepala, Gray.
Bona-nox, L.
capillacea, Don.
var. patens, Gray.
cardiophylla, Gray.
carnosa, R. Br.
cathartica, Poir.
coccinea, L.
var. hederifolia, Gray.
commutata, Rœm. & Schult.
costellata, Torr.
cuneifolia, Gray.
hederacea, Jacq.
var. integriuscula, Gray.
Jalapa, Pursh.
lacunosa, L.
Lemmoni, Gray.
leptophylla, Torr.
leptotoma, Torr.
Lindheimeri, Gray.

longifolia, Benth.
Mexicana, Gray.
pandurata, Meyer.
Pes-capræ, Sweet.
Plummeræ, Gray.
purpurea, Lam.
Quamoclit, *L.*
sagittata, Cav.
sinuata, Ortega.
tenuiloba, Torr.
Thurberi, Gray.
trifida, Don, var. Berlandieri, Gray.
var. Torreyana, Gray.
triloba, L.
Wrightii, Gray.

JACQUEMONTIA
Pringlei, Gray.
stamnifolia, Griseb.
violacea, Choisy.

SOLANACEÆ.

BELLINIA
umbellata, Rœm. & Schult.

BOUCHETIA
erecta, DC.

CAPSICUM
baccatum, L.
frutescens, *L.*

CESTRUM
diurnum, *L.*

CHAMÆSARACHA
Coronopus, Gray.
nana, Gray.
sordida, Gray.

DATURA
discolor, *Bernh.*
inermis, *Jacq.*
meteloides, DC.
quercifolia, *HBK.*
Stramonium, *L.*
Tatula, *L.*

HYOSCYAMUS
niger, *L.*

LEPTOGLOSSIS
Texana, Gray.

LYCIUM
Andersonii, Gray.
var. Wrightii, Gray.
barbinodum, Miers. (Mex.)
Berlandieri, Dunal.
Californicum, Nutt.
var. Arizonicum, Gray.
Carolinianum, Walt.
Cooperi, Gray.
var. pubiflora, Gray.
exsertum, Gray. (Mex.)
Fremonti, Gray.
var. Bigelovii, Gray.
var. gracilipes, Gray.
macrodon, Gray.
pallidum, Miers.
Parishii, Gray.
parviflorum, Gray.
Pringlei, Gray. (Mex.)
puberulum, Gray.
Richii, Gray. (L. Cal.)
Torreyi, Gray.
vulgare, *Dunal.*

LYCOPERSICUM
esculentum, *Mill.*, *var. cerasiforme*, *Gray.*

MARGARANTHUS
Lemmoni, Gray.
solanaceus, Schlecht.

NICANDRA
physaloides, *Gærtn.*

NICOTIANA
attenuata, Torr.
Bigelovii, Watson.
var. Wallacei, Gray.
Clevelandi, Gray.
glauca, *Graham.*
Palmeri, Gray.
plumbaginifolia, Viv. (Mex.)
quadrivalvis, Pursh.
var. multivalvis, Gray.
repanda, Willd.
rustica, *L.*
Tabacum, *L.*
var. undulata, *Sendtner.*
trigonophylla, Dunal.

ORYCTES
Nevadensis, Watson.

PETUNIA
parviflora, Juss.

PHYSALIS
æquata, Jacq. f.
angulata, L.
var. Linkiana, Gray.
angustifolia, Nutt.
crassifolia, Benth.
var. cardiophylla, Gray.
Fendleri, Gray.
var. cordifolia, Gray.
glabra, Benth. (L. Cal.)
grandiflora, Hook.
hederæfolia, Gray.
var. puberula, Gray.
lanceolata, Michx.
var. hirta, Gray.
var. lævigata, Gray.
lobata, Torr.
mollis, Nutt.
var. cinerascens, Gray.
obscura, Michx.
Palmeri, Gray.
Philadelphica, Lam.
pubescens, L.
Virginiana, Mill.
var. ambigua, Gray.
viscosa, L.
var. spathulæfolia, Gray.
Wrightii, Gray.

SALPICHROA
Wrightii, Gray.

SARACHA
umbellata, DC.

SOLANUM
aculeatissimum, Jacq.
Bahamense, L.
Blodgettii, Chapm.
Carolinense, L.
var. hirsutum, Gray.
Douglasii, Dunal.
Dulcamara, L.
elæagnifolium, Cav.
gracile, Link.
heterodoxum, Dunal.
Jamesii, Torr.
nigrum, L.
var. Dillenii, Gray.
var. nodiflorum, Gray.
var. villosum, *Mill.*
Pseudo-Capsicum, L.
rostratum, Dunal.
sisymbriifolium, Lam.
Torreyi, Gray.
triflorum, Nutt.
triquetrum, Cav.
tuberosum, L., var. boreale, Gray.
umbelliferum, Esch.
verbascifolium, L.
Xanti, Gray.
var. Wallacei, Gray.

SCROPHULARIACEÆ.

AMPHIANTHUS
pusillus, Torr.

ANTIRRHINUM
Breweri, Gray.
chytrospermum, Gray.
Cooperi, Gray.
cornutum, Benth.
Coulterianum, Benth.
cyathiferum, Benth. (L. Cal.)
glandulosum, Lindl.
junceum, Gray. (L. Cal.)
Kingii, Watson.
leptaleum, Gray.
majus, L.
maurandioides, Gray.
Nevinianum, Gray.
Nuttallianum, Benth.
var. effusum, Gray.
Orcuttianum, Gray.
Orontium, L.
speciosum, Gray.
strictum, Gray.
subcordatum, Gray.
subsessile, Gray.
vagans, Gray.
var. Bolanderi, Gray.
virga, Gray.

BARTSIA
alpina, L.
Odontites, Huds.

BUCHNERA
Americana, L.

elongata, Swartz.
lithospermifolia, HBK.
pilosa, Benth. (Mex.)
var. Arizonica, Gray.

CAPRARIA
biflora, L.

CASTILLEIA
affinis, Hook. & Arn.
breviflora, Gray.
cinerea, Gray.
coccinea, Spreng.
flava, Watson.
foliolosa, Hook. & Arn.
indivisa, Engelm.
integra, Gray.
lanata, Gray.
latifolia, Hook. & Arn.
laxa, Gray.
Lemmoni, Gray.
linariæfolia, Benth.
Lindheimeri, Gray.
linoides, Gray.
miniata, Dougl.
minor, Gray.
oblongifolia, Gray.
pallida, Kunth.
var. Haydeni, Gray.
var. occidentalis, Gray.
var. septentrionalis, Gray.
parviflora, Bong.
plagiotomia, Gray.
purpurea, Don.
sessiliflora, Pursh
stenantha, Gray.
viscidula, Gray.

CHELONE
glabra, L.
Lyoni, Pursh.
nemorosa, Dougl.
obliqua, L.

CHIONOPHILA
Jamesii, Benth.

COLLINSIA
bartsiæfolia, Benth.
bicolor, Benth.
Childii, Parry.
corymbosa, Herder.
grandiflora, Dougl.
var. pusilla, Gray.
Greenei, Gray.
linearis, Gray.
Parryi, Gray.
parviflora, Dougl.
Rattani, Gray.
sparsiflora, Fisch. & Meyer.
tinctoria, Hartweg.
Torreyi, Gray.
verna, Nutt.
violacea, Nutt.

CONOBEA
intermedia, Gray.
multifida, Benth.

CORDYLANTHUS
canescens, Gray.
var. Parryi, Gray.
capitatus, Nutt.
filifolius, Nutt.
var. brevibracteatus, Gray.
Kingii, Watson.
laxiflorus, Gray.
maritimus, Nutt.
mollis, Gray.
Nevinii, Gray.
Orcuttianus, Gray. (L. Cal.)
pilosus, Gray.
var. Bolanderi, Gray.
Pringlei, Gray.
ramosus, Nutt.
tenuis, Gray.
Wrightii, Gray.

EUPHRASIA
officinalis, L.

GERARDIA
aphylla, Nutt.
aspera, Dougl.
auriculata, Michx.
densiflora, Benth.
divaricata, Chapm.
filicaulis, Chapm.
filifolia, Nutt.
flava, L.
grandiflora, Benth.
var. integriuscula, Gray.
heterophylla, Nutt.
lævigata, Raf.

linifolia, Nutt.
maritima, Raf.
patula, Chapm.
pedicularia, L.
var. pectinata, Nutt.
Plukenetii, Ell.
var. microphylla, Gray.
purpurea, L.
var. fasciculata, Chapm.
var. paupercula, Gray.
quercifolia, Pursh.
setacea, Walt.
var. longifolia, Gray.
Skinneriana, Wood.
strictiflora, Benth.
tenuifolia, Vahl.
var. asperula, Gray.
var. macrophylla, Benth.
Wrightii, Gray.

GRATIOLA
aurea, Muhl.
Drummondi, Benth.
ebracteata, Benth.
Floridana, Nutt.
gracilis, Benth.
officinalis, L.
pilosa, Michx.
pusilla, Torr.
ramosa, Walt.
sphærocarpa, Ell.
subulata, Baldw.
Virginiana, L.
viscosa, Schwein.

HERPESTIS
amplexicaulis, Pursh.
chamædryoides, HBK.
var. peduncularis, Gray.
Monniera, HBK.
nigrescens, Benth.
repens, Cham. & Schlecht.
rotundifolia, Pursh.

ILYSANTHES
grandiflora, Benth.
gratioloides, Benth.
refracta, Benth.
var. saxicola, Gray.

LEUCOPHYLLUM
minus, Gray.
Texanum, Benth.

LIMOSELLA
aquatica, L.
var. tenuifolia, Hoffm.

LINARIA
Canadensis, Dumont.
Elatine, Mill.
Floridana, Chapm.
genistifolia, Mill.
spuria, Mill.
vulgaris, Mill.

MACRANTHERA
fuchsioides, Torr.
var. Lecontei, Chapm.

MAURANDIA
Wislizeni, Engelm.

MELAMPYRUM
Americanum, Michx.

MICRANTHEMUM
Nuttallii, Gray.
orbiculatum, Michx.

MIMULUS
alatus, Solander.
alsinoides, Benth.
angustatus, Gray.
atropurpureus, Kellogg.
bicolor, Hartw.
Bigelovii, Gray.
var. ovatus, Gray.
Bolanderi, Gray.
brevipes, Benth.
cardinalis, Dougl.
dentatus, Nutt.
Douglasii, Gray.
exiguus, Gray. (L. Cal.)
exilis, Durand.
floribundus, Dougl.
Fremonti, Gray.
glabratus, HBK.
var. adscendens, Gray.
var. Jamesii, Gray.
glaucescens, Greene.
glutinosus, Wendl.
inconspicuus, Gray.
var. acutidens, Gray.
var. latidens, Gray.
Kelloggii, Curran.

laciniatus, Gray.
leptaleus, Gray.
Lewisii, Pursh.
luteus, L.
var. alpinus, Gray.
var. depauperatus, Gray.
mephiticus, Greene.
Mohavensis, Lemmon.
moniliformis, Greene.
montioides, Gray.
moschatus, Dougl.
var. longiflorus, Gray.
var. sessilifolius, Gray.
nanus, Hook. & Arn.
nasutus, Greene.
nudatus, Curran.
Palmeri, Gray.
var. androsaceus, Gray.
Parishii, Greene.
Parryi, Gray.
peduncularis, Dougl.
pictus, Gray.
primuloides, Benth.
Pulsiferæ, Gray.
puniceus, Steud.
Rattani, Gray.
ringens, L.
rubellus, Gray.
Scouleri, Hook.
subsecundus, Gray.
Suksdorfii, Gray.
Torreyi, Gray.
tricolor, Lindl.
Whitneyi, Gray.

MOHAVEA

viscida, Gray.

ORTHOCARPUS

attenuatus, Gray.
Bidwelliæ, Gray.
var. micranthus, Gray.
bracteosus, Benth.
campestris, Benth.
castilleioides, Benth.
densiflorus, Benth.
erianthus, Benth.
var. lævis, Gray.
var. roseus, Gray.
floribundus, Benth.
gracilis, Benth.
hispidus, Benth.
imbricatus, Torr.
lacerus, Benth.
lasiorhynchus, Gray.
linearilobus, Benth.
lithospermoides, Benth.
luteus, Nutt.
pachystachyus, Gray.
pallescens, Gray.
Parishii, Gray.
pilosus, Watson.
purpurascens, Benth.
var. Palmeri, Gray.
purpureo-albus, Gray.
pusillus, Benth.
tenuifolius, Benth.
Tolmiei, Hook. & Arn.

PEDICULARIS

attollens, Gray.
bracteosa, Benth.
Canadensis, L.
Canbyi, Gray.
capitata, Adams.
centranthera, Gray.
Chamissonis, Stev.
contorta, Benth.
crenulata, Benth.
densiflora, Benth.
euphrasioides, Stephan.
flammea, L.
Furbishiæ, Watson.
Grœnlandica, Retz.
hirsuta, L.
Howellii, Gray.
lanceolata, Michx.
Langsdorffii, Fisch.
var. lanata, Gray.
Lapponica, L.
Menziesii, Benth.
ornithorhyncha, Benth.
palustris, L., var. Wlassoviana, Bunge.
Parryi, Gray.
pedicellata, Bunge.
procera, Gray.
racemosa, Dougl.
scopulorum, Gray.
semibarbata, Gray.
Sudetica, Willd.
versicolor, Wahl.
verticillata, L.

PENTSTEMON

acuminatus, Dougl.
albidus, Nutt.
ambiguus, Torr.
var. Thurberi, Gray.
antirrhinoides, Benth.
attenuatus, Dougl.
azureus, Benth.
var. ambiguus, Gray.
var. angustissimus, Gray.
var. Jaffrayanus, Gray.
var. parvulus, Gray.
baccharifolius, Hook.
barbatus, Nutt.
var. puberulus, Gray.
var. Torreyi, Gray.
var. trichander, Gray.
Barrettæ, Gray.
breviflorus, Lindl.
Bridgesii, Gray.
cæruleus, Nutt.
cæsius, Gray.
cæspitosus, Nutt.
var. suffruticosus, Gray.
centranthifolius, Benth.
Clevelandi, Gray.
Cobæa, Nutt.
coccineus, Engelm. (Mex.)
confertus, Dougl.
var. cæruleo-purpureus, Gr.
cordifolius, Benth.
corymbosus, Benth.
cristatus, Nutt.
Cusickii, Gray.
deustus, Dougl.
diffusus, Dougl.
dissectus, Ell.
Eatoni, Gray.
Fremonti, T. & G.
var. subglaber, Gray.
frutescens, Lamb.
Gairdneri, Hook.
var. Oreganus, Gray.
glaber, Pursh.
var. alpinus, Gray.
var. cyananthus, Gray.
var. Utahensis, Watson.
glandulosus, Lindl.
glaucus, Graham.
var. stenosepalus, Gray.
gracilentus, Gray.
gracilis, Nutt.
grandiflorus, Nutt.
Hallii, Gray.
var. Arizonicus, Gray.
Harbourii, Gray.
Havardi, Gray.
heterodoxus, Gray.
heterophyllus, Lindl.
humilis, Nutt.
var. brevifolius, Gray.
Jamesii, Benth.
Kingii, Watson.
labrosus, Hook. f.
lætus, Gray.
var. leptosepalus, Greene.
lævigatus, Solander.
var. Digitalis, Gray.
lanceolatus, Benth.
laricifolius, Hook. & Arn.
Lemmoni, Gray.
linarioides, Gray.
var. Sileri, Gray.
Lyalli, Gray.
Menziesii, Hook.
var. Douglasii, Gray.
var. Newberryi, Gray.
var. Scouleri, Gray.
microphyllus, Gray.
miser, Gray.
Murrayanus, Hook.
nudiflorus, Gray.
ovatus, Dougl.
Palmeri, Gray.
Parishii, Gray.
Parryi, Gray.
pinifolius, Greene.
pruinosus, Dougl.
pubescens, Solander.
pumilus, Nutt.
var. incanus, Gray.
var. Thompsoniæ, Gray.
puniceus, Gray.
Rattani, Gray.
var. Kleei, Gray.
var. minor, Gray.
Richardsonii, Dougl.
Rœzli, Regel.
Rothrockii, Gray.
secundiflorus, Benth.
spectabilis, Thurber.
stenophyllus, Gray.
var. dasyphyllus, Gray.
strictus, Benth.
ternatus, Torr.
triphyllus, Dougl.

tubiflorus, Nutt.
venustus, Dougl.
virgatus, Gray.
Wardi, Gray.
Watsoni, Gray.
Whippleanus, Gray.
Wrightii, Hook.

RHINANTHUS
Crista-galli, L.

SCHWALBEA
Americana, L.

SCOPARIA
dulcis, L.

SCROPHULARIA
Californica, Cham.
coccinea, Gray.
nodosa, L., var. Marilandica, Gray.

SEYMERIA
bipinnatisecta, Seem.
macrophylla, Nutt.
pectinata, Pursh.
scabra, Gray.
tenuifolia, Pursh.

STEMODIA
durantifolia, Swartz.

SYNTHYRIS
alpina, Gray.
Houghtoniana, Benth.
pinnatifida, Watson.
var. laciniata, Gray.
plantaginea, Benth.
reniformis, Benth.
var. major, Hook.
rotundifolia, Gray.
var. cordata, Gray.
rubra, Benth.

TONELLA
collinsioides, Nutt.
floribunda, Gray.

VERBASCUM
Blattaria, *L.*
Lychnitis, *L.*
Thapsus, *L.*
virgatum, *With.*

VERONICA
agrestis, *L.*
alpina, L.
Americana, Schwein.
Anagallis, L.
arvensis, *L.*
Buxbaumii, *Tenore.*
Chamædrys, *L.*
Cusickii, Gray.
hederæfolia, *L.*
Kamtchatica, L. f.
officinalis, L.
peregrina, L.
scutellata, L.
serpyllifolia, L.
Stelleri, Pall.
Virginica, L.

OROBANCHACEÆ.

APHYLLON
Californicum, Gray.
comosum, Gray.
Cooperi, Gray.
fasciculatum, Gray.
var. luteum, Gray.
Ludovicianum, Gray.
multiflorum, Gray.
pinetorum, Gray.
tuberosum, Gray.
uniflorum, Gray.

BOSCHNIAKIA
glabra, C. A. Meyer.
Hookeri, Walp.
strobilacea, Gray.

CONOPHOLIS
Americana, Wallr.
Mexicana, Gray.

EPIPHEGUS
Virginiana, Bart.

OROBANCHE
minor, *L.*

LENTIBULARIACEÆ.

PINGUICULA
alpina, L.

elatior, Michx.
lutea, Walt.
var. edentula, A. DC.
pumila, Michx.
villosa, L.
vulgaris, L.

UTRICULARIA
biflora, Lam.
bipartita, Ell.
clandestina, Nutt.
cornuta, Michx.
fibrosa, Walt.
gibba, L.
inflata, Walt.
intermedia, Hayne.
juncea, Vahl.
longeciliata, A. DC.
minor, L.
occidentalis, Gray.
purpurea, Walt.
resupinata, B. D. Greene.
simplex, C. Wright.
subulata, L.
var. cleistogama, Gray.
vulgaris, L.

BIGNONIACEÆ.

BIGNONIA
capreolata, L.

CATALPA
bignonioides, Walt.
speciosa, Warder.

CHILOPSIS
saligna, Don.

TECOMA
radicans, Juss.
stans, Juss.

PEDALIACEÆ.

MARTYNIA
altheæfolia, Benth.
fragrans, Lindl.
proboscidea, Glox.

SESAMUM
Indicum, *L.*

ACANTHACEÆ.

ANISACANTHUS
insignis, Gray.
Thurberi, Gray.
Wrightii, Gray.

BERGINIA
virgata, Harvey.

BELOPERONE
Californica, Benth.

CALOPHANES
angusta, Gray.
decumbens, Gray.
humistrata, Nees.
linearis, Gray.
oblongifolia, Don.

CARLOWRIGHTIA
Arizonica, Gray.
linearifolia, Gray.
pubens, Gray.

DIANTHERA
Americana, L.
crassifolia, Chapm.
humilis, Engelm. & Gray.
parviflora, Gray.

DICLIPTERA
assurgens, Juss.
brachiata, Spreng.
var. attenuata, Gray.
pseudoverticillaris, Gr. (Mex.)
resupinata, Juss.
Torreyi, Gray.

ELYTRARIA
tridentata, Vahl.
virgata, Michx.

GATESIA
læte-virens, Gray.

HYGROPHILA
lacustris, Nees.

JACOBINIA
neglecta, *Gray.*

JUSTICIA
Wrightii, Gray.

RUELLIA
ciliosa, Pursh.
var. ambigua, Gray.
var. hybrida, Gray.
var. longiflora, Gray.
Drummondiana, Gray.
noctiflora, Gray.

Parryi, Gray.
pedunculata, Torr.
strepens, L.
var. cleistantha, Gray.
tuberosa, L.
var. occidentalis, Gray.

SIPHONOGLOSSA
longiflora, Gray.
Pilosella, Torr.

STENANDRIUM
barbatum, T. & G.
dulce, Nees.
var. Floridanum, Gray.

TETRAMERIUM
hispidum, Nees.
platystegium, Torr.

SELAGINACEÆ.

LAGOTIS
Gmelini, Gærtn.

VERBENACEÆ.

AVICENNIA
nitida, Jacq.

BOUCHEA
Ehrenbergii, Cham.
linifolia, Gray.
spatulata, Torr.

CALLICARPA
Americana, L.

CITHAREXYLUM
brachyanthum, Gray.
villosum, Jacq.

DURANTA
Plumieri, Jacq.

LANTANA
Camara, L.
canescens, HBK.
involucrata, L.
macropoda, Torr.

LIPPIA
cuneifolia, Steud.
geminata, HBK.
graveolens, HBK.
lanceolata, Michx.
lycioides, Steud.
nodiflora, Michx.
Wrightii, Gray.

PHRYMA
Leptostachya, L.

PRIVA
echinata, Juss.

STACHYTARPHETA
Jamaicensis, Vahl.

VERBENA
angustifolia, Michx.
Aubletia, L.
bipinnatifida, Nutt.
Bonariensis, L.
bracteosa, Michx.
var. brevibracteata, Gray.
canescens, HBK.
var. Neo-Mexicana, Gray.
Caroliniana, Michx.
ciliata, Benth.
hastata, L.
littoralis, HBK. (L. Cal.)
officinalis, L.
polystachya, HBK.
prostrata, R. Br.
remota, Benth.
stricta, Vent.
urticæfolia, L.
venosa, Gillies & Hook.
Wrightii, Gray.
xutha, Lehm.

LABIATÆ.

ACANTHOMINTHA
ilicifolia, Gray.
lanceolata, Curran.

AJUGA
reptans, L.

AUDIBERTIA
capitata, Gray.
Clevelandi, Gray.
grandiflora, Benth.
humilis, Benth.
incana, Benth.
var. pachystachya, Gray.
var. pilosa, Gray.
nivea, Benth.
Palmeri, Gray.
polystachya, Benth.
stachyoides, Benth.
Vaseyi, T. C. Porter.

BALLOTA
nigra, L.

BLEPHILIA
ciliata, Raf.
hirsuta, Benth.

BRAZORIA
scutellarioides, Eng. & Gray.
truncata, Engelm. & Gray.

BRUNELLA
vulgaris, L.

CALAMINTHA
Caroliniana, Sweet.
Clinopodium, Benth.
coccinea, Benth.
dentata, Chapm.
glabella, Benth.
mimuloides, Benth.
Nepeta, *Link.*
Nuttallii, Benth.
officinalis, *Mœnch.*

CEDRONELLA
cana, Hook.
var. lanceolata, Gray.
cordata, Benth.
Mexicana, Benth.
micrantha, Gray.
pallida, Lindl.

CERANTHERA
densiflora, Gray.
linearifolia, Ell.

COLLINSONIA
anisata, Sims.
Canadensis, L.
var. punctata, Gray.
scabriuscula, Ait.
verticillata, Baldw.

CONRADINA
canescens, Gray.

CUNILA
Mariana, L.

DRACOCEPHALUM
parviflorum, Nutt.

GALEOPSIS
Ladanum, *L.*
Tetrahit, *L.*

HEDEOMA
acinoides, Scheele.
ciliata, Benth.
costata, Gray.
dentata, Torr.
Drummondi, Benth.
graveolens, Chapm.
hispida, Pursh.
hyssopifolia, Gray.
plicata, Torr.
pulegioides, Pers.
Reverchoni, Gray.
thymoides, Gray.
var. oblongifolia, Gray.

HYPTIS
Emoryi, Torr.
pectinata, Poit.
radiata, Willd.
spicata, Poit.
spicigera, Lam.

HYSSOPUS
officinalis, *L.*

ISANTHUS
cæruleus, Michx.

LAMIUM
album, *L.*
amplexicaule, *L.*
purpureum, *L.*

LEONOTIS
nepetæfolia, *R. Br.*

LEONURUS
Cardiaca, *L.*
Marrubiastrum, *L.*
Sibiricus, *L.*

LOPHANTHUS
anisatus, Benth.
nepetoides, Benth.
scrophulariæfolius, Benth.
urticifolius, Benth.

LYCOPUS
Europæus, *L.*
lucidus, Turcz.
var. Americanus, Gray.
rubellus, Mœnch.
sessilifolius, Gray.
var. pubens, Gray.
sinuatus, Ell.
Virginicus, L.

MACBRIDEA
alba, Chapm.
pulchra, Ell.

MARRUBIUM
vulgare, L.

MELISSA
officinalis, L.

MENTHA
aquatica, L.
var. crispa, Benth.
arvensis, L.
Canadensis, L.
var. glabrata, Benth.
piperita, L.
rotundifolia, L.
sativa, L.
sylvestris, L.
var. alopecuroides, Baker.
viridis, L.

MICROMERIA
Brownei, Benth.
var. pilosiuscula, Gray.
Douglasii, Benth.
purpurea, Gray.

MONARDA
Bradburiana, Beck.
citriodora, Cerv.
clinopodia, L.
clinopodioides, Gray.
didyma, L.
fistulosa, L.
var. media, Gray.
var. mollis, Benth.
var. rubra, Gray.
pectinata, Nutt. ?
punctata, L.
var. lasiodonta, Gray.
Russelliana, Nutt.

MONARDELLA
Breweri, Gray.
candicans, Benth.
var. exilis, Gray.
Douglasii, Benth.
hypoleuca, Gray.
lanceolata, Gray.
var. microcephala, Gray.
linoides, Gray.
leucocephala, Gray.
macrantha, Gray.
var. nana, Gray.
var. tenuiflora, Gray.
odoratissima, Benth.
Palmeri, Gray.
Pringlei, Gray.
thymifolia, Greene. (L. Cal.)
undulata, Benth.
villosa, Benth.
var. glabella, Gray.
var. leptosiphon, Torr.

NEPETA
Cataria, L.
Glechoma, Benth.

OCIMUM
micranthum, Willd.

ORIGANUM
vulgare, L.

PHLOMIS
tuberosa, L.

PHYSOSTEGIA
intermedia, Gray.
parviflora, Nutt.
Virginiana, Benth.
var. denticulata, Gray.
var. obovata, Gray.
var. speciosa, Gray.

POGOGYNE
Douglasii, Benth.
nudiuscula, Gray.
parviflora, Benth.
serpylloides, Gray.
ziziphoroides, Benth.

POLIOMINTHA
glabrescens, Gray.
incana, Gray.
mollis, Gray.

PYCNANTHEMUM
albescens, T. & G.
aristatum, Michx.
var. hyssopifolium, Gray.
Californicum, Torr.
var. glabellum, Gray.
clinopodioides, Gray.

incanum, Michx.
lanceolatum, Pursh.
leptodon, Gray.
linifolium, Pursh.
montanum, Michx.
muticum, Pers.
var. pilosum, Gray.
nudum, Nutt.
Torreyi, Benth.
Tullia, Benth.
var. dubium, Gray.

SALIZARIA
Mexicana, Torr.

SALVIA
albiflora, Mart. & Gal.
var. Pringlei, Gray.
angustifolia, Cav.
var. glabra, Gray.
Arizonica, Gray.
azurea, Lam.
var. grandiflora, Benth.
ballotæflora, Benth.
Blodgettii, Chapm.
carduacea, Benth.
chamædryoides, Cav.
Chapmani, Gray.
coccinea, L.
Columbariæ, Benth.
Engelmanni, Gray.
farinacea, Benth.
Greggii, Gray.
Henryi, Gray.
lanceolata, Willd.
Lemmoni, Gray.
lyrata, L.
occidentalis, Swartz.
Parryi, Gray.
pentstemonoides, Kunth.
privoides, Benth.
var. Garberi, Chapm.
Regla, Cav.
Rœmeriana, Scheele.
Sclarea, L.
serotina, L.
spicata, Rœm. & Schult.
subincisa, Benth.
Texana, Torr.
var. canescens, Gray.
urticifolia, L.
verbenacea, L.

SATUREIA
hortensis, L.
rigida, Bartram.

SCUTELLARIA
angustifolia, Pursh.
var. canescens, Gray.
antirrhinoides, Benth.
Bolanderi, Gray.
brevifolia, Gray.
Californica, Gray.
canescens, Nutt.
var. punctata, Chapm.
cardiophylla, Eng. & Gray.
Drummondii, Benth.
Floridana, Chapm.
galericulata, L.
integrifolia, L.
var. major, Chapm.
lateriflora, L.
montana, Chapm.
nana, Gray.
nervosa, Pursh.
parvula, Michx.
var. mollis, Gray.
pilosa, Michx.
var. hirsuta, Gray.
var. ovalifolia, Benth.
resinosa, Torr.
saxatilis, Riddell.
var. arguta, Gray.
serrata, Andr.
tuberosa, Benth.
versicolor, Nutt.
var. bracteata, Benth.
var. minor, Chapm.
Wrightii, Gray.

SPHACELE
calycina, Benth.
var. glabella, Gray.
var. Wallacei, Gray.

STACHYS
agraria, Cham. & Schl.
ajugoides, Benth.
albens, Gray.
arvensis, L.
aspera, Michx.
var. glabra, Gray.
Betonica, Benth.

Bigelovii, Gray.
bullata, Benth.
Chamissonis, Benth.
ciliata, Dougl.
var. pubens, Gray.
coccinea, Jacq.
cordata, Riddell.
Drummondii, Benth.
Floridana, Shuttlew.
hyssopifolia, Michx.
var. ambigua, Gray.
palustris, L.
pycnantha, Benth.
Rothrockii, Gray.

SYNANDRA
grandiflora, Nutt.

TETRACLEA
Coulteri, Gray.

TEUCRIUM
Canadense, L.
var. angustatum, Gray.
Cubense, L.
laciniatum, Torr.
occidentale, Gray.

THYMUS
Serpyllum, L.

TRICHOSTEMA
Arizonicum, Gray.
dichotomum, L.
lanatum, Benth.
var. denudatum, Gray.
lanceolatum, Benth.
laxum, Gray.
lineare, Nutt.
micranthum, Gray.
oblongum, Benth.
ovatum, Curran.

PLANTAGINACEÆ.

LITTORELLA
lacustris, L.

PLANTAGO
Bigelovii, Gray.
cordata, Lam.
decipiens, Barneoud.
eriopoda, Torr.
heterophylla, Nutt.
hirtella, HBK.
lanceolata, L.
macrocarpa, Cham. & Schl.
major, L.
var. Asiatica, Decaisne.
maritima, L.
Patagonica, Jacq.
var. aristata, Gray.
var. gnaphalioides, Gray.
var. nuda, Gray.
var. spinulosa, Gray.
pusilla, Nutt.
Rugelii, Decaisne.
sparsiflora, Michx.
Tweedyi, Gray.
Virginica, L.
var. longifolia, Gray.

NYCTAGINACEÆ.

ABRONIA
Crux-Maltæ, Kellogg.
cycloptera, Gray.
fragrans, Nutt.
gracilis, Benth.
latifolia, Esch.
maritima, Nutt.
mellifera, Dougl.
micrantha, Torr.
nana, Watson.
turbinata, Torr.
umbellata, Lam.
villosa, Watson.

ACLEISANTHES
anisophylla, Gray.
Berlandieri, Gray.
crassifolia, Gray.
longiflora, Gray.
Wrightii, Benth. & Hook.

ALLIONIA
incarnata, L.

BOERHAAVIA
anisophylla, Torr.
bracteosa, Watson.
erecta, L.
eriosolena, Gray.
gibbosa, Pavon.
hirsuta, Willd.
linearifolia, Gray.
leiosolena, Gray.

paniculata, Rich.
pterocarpa, Watson.
purpurascens, Gray.
scandens, L.
spicata, Choisy.
tenuifolia, Gray.
viscosa, Lag.
Wrightii, Gray.

HERMIDIUM
alipes, Watson.

MIRABILIS
Bigelovii, Gray.
Californica, Gray.
Greenei, Watson.
Jalapa, L.
multiflora, Gray.
var. pubescens, Watson.
oxybaphoides, Gray.
tenuiloba, Watson.
Wrightiana, Gray.

NYCTAGINIA
capitata, Choisy.

OXYBAPHUS
aggregatus, Vahl.
albidus, Sweet.
angustifolius, Sweet.
coccineus, Torr.
glaber, Watson.
glabrifolius, Vahl.
hirsutus, Sweet.
linearifolius, Watson.
nyctagineus, Sweet.
var. Cervantesii, Gray.
var. latifolius, Gray.
var. oblongifolius, Gray.
var. pilosus, Gray.
viscosus, L'Her.

PISONIA
aculeata, L.
obtusata, Swartz.
rotundata, Griseb.

SELINOCARPUS
angustifolius, Gray.
chenopodioides, Gray.
diffusus, Gray.

AMARANTACEÆ.

ACANTHOCHITON
Wrightii, Torr.

ACNIDA
australis, Gray.
cannabina, L.
Floridana, Watson.
rhyssocarpa, Michx.
tamariscina, Gray.
tuberculata, Gray.

ALTERNANTHERA
Achyrantha, R. Br.

AMARANTUS
albus, L.
blitoides, Watson.
Californicus, Watson.
chlorostachys, Willd.
crispus, R. Br.
deflexus, L.
fimbriatus, Benth.
Greggii, Gray.
hybridus, L.
hypochondriacus, L.
leucocarpus, Watson.
lividus, L.
obovatus, Watson.
Palmeri, Watson.
paniculatus, L.
polygonoides, L.
Powellii, Watson.
pumilus, Raf.
retroflexus, L.
spinosus, L.
Torreyi, Benth.
tristis, L.
venulosus, Watson.
viridis, L.
Wrightii, Watson.

CELOSIA
paniculata, L.

CLADOTHRIX
lanuginosa, Nutt.
oblongifolia, Watson.
suffrutescens, B. & H.

FROELICHIA
Drummondii, Moq.
Floridana, Moq.
gracilis, Moq.
interrupta, Moq.

GOMPHRENA
cæspitosa, Torr.

nitida, Rothr.
Sonoræ, Torr.
tuberifera, Torr.

GOSSYPIANTHUS
rigidiflorus, Hook.

GUILLEMINEA
illecebroides, HBK.

IRESINE
celosioides, L.

MOGIPHANES
Floridana, Benth. & Hook.
straminea, Mart.

PHILOXERUS
vermicularis, R. Br.

TELANTHERA
maritima, Moq.
polygonoides, Moq.

CHENOPODIACEÆ.

APHANISMA
blitoides, Nutt.

ATRIPLEX
acanthocarpa, Watson.
Alaskensis, Watson.
arenaria, Nutt.
argentea, Nutt.
Barclayana, Dietr.
bracteosa, Watson.
Breweri, Watson.
Californica, Moq.
canescens, James.
confertifolia, Watson.
coronata, Watson.
Coulteri, Dietr.
cristata, HBK.
decumbens, Watson.
elegans, Dietr.
Endolepis, Watson.
expansa, Watson.
fasciculata, Watson.
Gmelini, C. A. Meyer.
Greggii, Gray.
hymenelytra, Watson.
julacea, Watson. (L. Cal.)
lentiformis, Watson.
leucophylla, Dietr.
microcarpa, Dietr.
monilifera, Watson. (Mex.)
Nuttallii, Watson.
oppositifolia, Watson.
orbicularis, Watson.
Parishii, Watson.
Parryi, Watson.
patula, L., v. hastata, Gray.
var. littoralis, Gray.
var. subspicata, Watson.
phyllostegia, Watson.
polycarpa, Watson.
Powellii, Watson.
pusilla, Watson.
rosea, L.
saccaria, Watson.
spicata, Watson.
Texana, Watson.
Torreyi, Watson.
truncata, Gray.
Wolfii, Watson.
Wrightii, Watson.
zosteræfolia, Watson.

AUREDERA
scandens, Moq.

CHENOPODIUM
album, L.
var. viride.
ambrosioides, L.
var. anthelminticum, *Gray.*
Berlandieri, Moq.
Bonus-Henricus, L.
Boscianum, Moq.
Botrys, L.
Californicum, Watson.
capitatum, Watson.
carinatum, *R. Br.*
cornutum, Benth. & Hook.
fœtidum, Schrad.
Fremonti, Watson.
var. incanum, Watson.
glaucum, L.
humile, Hook.
hybridum, L.
leptophyllum, Nutt.
var. oblongifolium, Watson.
var. subglabrum, Watson.
murale, L.
var. farinosum, Watson.
olidum, Watson.

polyspermum, L.
rubrum, L.
urbicum, L.

CORISPERMUM
hyssopifolium, L.
var. microcarpum, Watson.

CYCLOLOMA
platyphyllum, Moq.

EUROTIA
lanata, Moq.

GRAYIA
Brandegei, Gray.
polygaloides, Hook. & Arn.

KOCHIA
Americana, Watson.
var. vestita, Watson.
Californica, Watson.

MONOLEPIS
chenopodioides, Moq.
pusilla, Torr.
spathulata, Gray.

NITROPHILA
occidentalis, Watson.

ROUBIEVA
multifida, Moq.

SALICORNIA
ambigua, Michx.
herbacea, L.
mucronata, Bigel.
var. suffrutescens, Watson.

SALSOLA
Kali, L.

SARCOBATUS
vermiculatus, Torr.

SPIROSTACHYS
occidentalis, Watson.

SUÆDA
Californica, Watson.
depressa, Watson.
var. erecta, Watson.
diffusa, Watson.
intermedia, Watson.
linearis, Torr.
var. ramosa, Watson.
minutiflora, Watson.
occidentalis, Watson.
suffrutescens, Watson.
Torreyana, Watson.

SUCKLEYA
petiolaris, Gray.

PHYTOLACCACEÆ.

PETIVERIA
alliacea, L.

PHAULOTHAMNUS
spinescens, Gray. (Mex.)

PHYTOLACCA
decandra, L.

RIVINA
humilis, L.
lævis, L.

BATIDEÆ.

BATIS
maritima, L.

POLYGONACEÆ.

BRUNNICHIA
cirrhosa, Banks.

CHORIZANTHE
brevicornu, Torr.
Breweri, Watson.
Californica, Gray.
Clevelandi, Parry.
corrugata, T. & G.
cuspidata, Watson.
diffusa, Benth.
Douglasii, Benth.
Fernandina, Watson.
fimbriata, Nutt.
laciniata, Torr.
leptoceras, Watson.
membranacea, Benth.
Orcuttiana, Parry.
Palmeri, Watson.
Parryi, Watson.
perfoliata, Gray.
polygonoides, T. & G.
procumbens, Nutt.
pungens, Benth.
rigida, T. & G.
spinosa, Watson.
staticoides, Benth.
stellulata, Benth.

Thurberi, Watson. (Gray, Proc. viii. 192).
uniaristata, T. & G.
valida, Watson.
Watsoni, T. & G.
Wheeleri, Watson.
Xanti, Watson.

COCCOLOBA
Floridana, Meisn.
uvifera, Jacq.

ERIOGONUM Gray, Proc. viii. 146; Wats. Cent. viii. 254.
Abertianum, Torr.
acaule, Nutt.
alatum, Torr.
androsaceum, Benth.
angulosum, Benth.
annuum, Nutt.
apiculatum, Watson. Cent. x. 378.
arborescens, Greene. Cal. Ac. 1894.
atrorubens, Engelm. (Mex.)
Baileyi, Watson. Cent. v. 348.
var.(?) tomentosum, Watson.
brachypodum, T. & G.
brevicaule, Nutt.
cæspitosum, Nutt.
cernuum, Nutt.
chrysocephalum, Gray. Proc. xi. 101.
ciliatum, Torr. (Mex.)
cinereum, Benth.
compositum, Nutt.
corymbosum, Benth.
dasyanthemum, T. & G.
deflexum, Torr.
delicatulum, Watson. Cent. x. 379.
dichotomum, Dougl.
divaricatum, Nutt.
Douglasii, Benth.
elatum, Dougl.
elongatum, Benth.
fasciculatum, Benth.
flavum, Nutt.
foliosum, Watson. Cent. xii. 371.
giganteum, Watson. Cent. xii. 371.
glandulosum, Nutt.
Gordoni, Benth.
gracile, Benth.
gracillimum, Watson.
Havardi, Watson. Cent. xi. 194.
Heermanni, Dur. & Hilg.
heracleoides, Nutt.
hieracifolium, Benth.
hirtiflorum, Gray.
Hookeri, Watson. Cent. ix. 295.
incanum, T. & G.
inflatum, Torr.
insigne, Watson. Cent. ix. 295.
intricatum, Benth. (L. Cal.)
Jamesii, Benth.
var. flavescens, Watson.
Jonesii, Watson. Cent. xiii. 464.
Kelloggii, Gray. Proc. viii. 192.
Kennedyi, Porter.
Kingii, T. & G.
lachnogynum, Torr.
latifolium, Smith.
Lemmoni, Watson.
Lobbii, T. & G.
lonchophyllum, T. & G.
longifolium, Nutt.
marifolium, T. & G.
microthecum, Nutt.
var. effusum, T. & G.
Mohavense, Watson.
molestum, Watson. Cent. x. 379.
multiceps, Nees.
multiflorum, Benth.
niveum, Dougl.
nudum, Dougl.
var. oblongifolium, Watson.
var. pauciflorum, Watson.
nutans, T. & G.
ochrocephalum, Watson.
Orcuttianum, Wats. (L. Cal.) Cent. xii. 371.
Ordii, Watson. Cent. xiii. 468.
ovalifolium, Nutt.
var. proliferum, Watson.
Palmeri, Watson.
panduratum, Watson.
Parishii, Watson. Cent. x. 379.
Parryi, Gray. Proc. x. 77.
parvifolium, Smith.
pauciflorum, Nutt.
pharnaceoides, Torr.
Plumatella, Dur. & Hilg.
polycladon, Benth.
puberulum, Watson. Cent. ix. 295.
pusillum, T. & G.
pyrolæfolium, Hook.
var. coryphæum, T. & G.
racemosum, Nutt.
reniforme, Torr.
rotundifolium, Benth.
salsuginosum, Hook.
saxatile, Watson.

scalare, Watson.
Shockleyi, Watson.
spathulatum, Gray.
spergulinum, Gray.
sphærocephalum, Dougl.
stellatum, Benth.
var. bahiæforme, Watson.
strictum, Benth.
subreniforme, Watson.
suffruticosum, Watson.
sulcatum, Watson.
tenellum, Torr.
Thomasii, Torr.
Thompsonæ, Watson.
Thurberi, Torr.
thymoides, Benth.
tomentosum, Michx.
Torreyanum, Gray.
trichopodum, Torr.
triste, Watson.
truncatum, T. & G.
umbellatum, Torr.
var. monocephalum, T. & G.
ursinum, Watson.
vagans, Watson.
villiflorum, Gray.
vimineum, Dougl.
virgatum, Benth.
Watsoni, T. & G.
Wrightii, Torr.
var. subscaposa, Watson.

FAGOPYRUM
esculentum, Mœnch.
Tabaricum, Gœrtn.

HARFORDIA
macroptera, Parry. (L. Cal.)

HOLLISTERIA
lanata, Watson.

LASTARRIÆA
Chilensis, Remy.

NEMACAULIS
Nuttallii, Benth.

OXYRIA
digyna, Campdera.

OXYTHECA
caryophylloides, Parry.
dendroidea, Nutt.
luteola, Parry.
Parishii, Parry.
perfoliata, T. & G.
trilobata, Gray.
Watsoni, T. & G.

POLYGONELLA
brachystachya, Meisn.
ciliata, Meisn.
Croomii, Chapm.
ericoides, Gray.
gracilis, Meisn.
parvifolia, Michx.

POLYGONUM
acre, HBK.
amphibium, L.
arifolium, L.
articulatum, L.
aviculare, L.
var. littorale, Link.
Bidwelliæ, Watson.
Bistorta, L.
var. linearifolium, Watson.
var. oblongifolium, Meisn.
Bolanderi, Brewer.
Californicum, Meisn.
camporum, Meisn.
Careyi, Olney.
cilinode, Michx.
coarctatum, Dougl.
Convolvulus, L.
Davisiæ, Brewer.
densiflorum, Meisn.
Douglasii, Greene.
var. latifolium, Greene.
dumetorum, L.
var. scandens, Gray.
Engelmanni, Greene.
erectum, L.
fimbriatum, Ell.
Greenei, Watson.
Hartwrightii, Gray.
hirsutum, Walt.
Hydropiper, L.
hydropiperoides, Michx.
imbricatum, Nutt.
incarnatum, Ell.
intermedium, Nutt.

lapathifolium, Ait.
maritimum, L.
Meisnerianum, Ch. & Schl.
var. Beyrichianum, Meisn.
minimum, Watson.
minutum, Watson.
Muhlenbergii, Watson.
nodosum, Pers
orientale, L.
Paronychia, Cham. & Schl.
Parryi, Greene.
Pennsylvanicum, L.
Persicaria, L.
polygaloides, Meisn.
polymorphum, Ledeb.
var. alpinum, Ledeb.
var. lapathifolium.
ramosissimum, Michx.
sagittatum, L.
setaceum, Baldw.
Shastense, Brewer.
tenue, Michx.
Virginianum, L.
viviparum, L.

PTEROSTEGIA
drymarioides, Fisch. & Mey.

RUMEX
Acetosa, L.
Acetosella, L.
altissimus, Wood.
Berlandieri, Meisn.
Britannicus, L.
conglomeratus, Murray.
crispus, L.
Floridanus, Meisn.
hastatulus, Baldw.
hymenosepalus, Torr.
maritimus, L.
obtusifolius, L.
occidentalis, Watson.
Patientia, L.
paucifolius, Nutt.
pulcher, L.
salicifolius, Weinm.
sanguineus, L.
venosus, Pursh.
verticillatus, L.

PODOSTEMACEÆ.

PODOSTEMON
ceratophyllum, Michx.
var. abrotanoides, Weddell.

RAFFLESIACEÆ.

APODANTHES
Thurberi, Benth. & Hook.

ARISTOLOCHIACEÆ.

ARISTOLOCHIA
brevipes, Benth.
var. acuminata, Watson.
Californica, Torr.
longifolia, Engelm. & Gray.
pentandra, L.
reticulata, Nutt.
Serpentaria, L.
Sipho, L'Her.
tomentosa, Sims.

ASARUM
arifolium, Michx.
Canadense, L.
caudatum, Lindl.
Hartwegi, Watson.
Lemmoni, Watson.
Virginicum, L.

PIPERACEÆ.

HOUTTUYNIA
Californica, Benth. & Hook.

PEPEROMIA
leptostachya, Chapm.
magnoliæfolia, DC.

SAURURUS
cernuus, L.

LAURACEÆ.

CASSYTA
filiformis, Mill.

LINDERA
Benzoin, Meisn.
melissæfolia, Blume.

LITSEA
geniculata, Benth. & Hook.

NECTANDRA
Willdenoviana, Nees.

PERSEA
Carolinensis, Nees.
var. palustris, Chapm.

SASSAFRAS
officinale, Nees.

UMBELLULARIA
Californica, Nutt.

THYMELEACEÆ.

DIRCA
occidentalis, Gray.
palustris, L.

ELÆAGNACEÆ.

ELÆAGNUS
argentea, Pursh.

SHEPHERDIA
argentea, Nutt.
Canadensis, Nutt.
rotundifolia, Parry.

LORANTHACEÆ.

ARCEUTHOBIUM
Americanum, Nutt.
divaricatum, Engelm.
Douglasii, Engelm.
var. abietinum, Engelm.
var. (?) microcarpum, Eng.
minutum, Engelm.
occidentale, Engelm.
var. abietinum, Engelm.
pusillum, Peck.
robustum, Engelm.
vaginatum, Eichler.

PHORADENDRON
Bolleanum, Eichl.
Californicum, Nutt.
flavescens, Nutt.
var. macrophyllum, Eng.
var. orbiculatum, Engelm.
var. villosum, Engelm.
juniperinum, Engelm.
var. Libocedri, Engelm.

SANTALACEÆ.

BUCKLEYA
distichophylla, Torr.

COMANDRA
livida, Richards.
pallida, A. DC.
var. angustifolia, A. DC.
umbellata, Nutt.

DARBYA
umbellulata, Gray.

PYRULARIA
oleifera, Gray.

EUPHORBIACEÆ.

ACALYPHA
Californica, Benth.
Caroliniana, Walt.
corchorifolia, Willd.
hederacea, Torr.
Lindheimeri, Muell.
Neo-Mexicana, Muell.
radians, Torr.
Virginica, L.
var. gracilens, Gray.

ANDRACHNE
Rœmeriana, Muell.

ARGYTHAMNIA
aphoroides, Muell.
Blodgettii, Torr.
humilis, Muell.
lævis, Muell.
mercurialina, Muell.
Neo-Mexicana, Muell.
pilosissima, Muell.
sericophylla, Gray.
serrata, Muell.

BERNARDIA
myricæfolia, Watson.

CROTON
Alabamensis, Smith.
argyranthemus, Michx.
balsamiferus, Willd.
betulinus, Vahl.
Californicus, Muell.
var. major, Watson.
capitatus, Michx.
var. Lindheimeri, Muell.
corymbulosus, Engelm.
Elliottii, Chapm.
fruticulosus, Torr.
var. fuscescens, Muell.
var. pallescens, Muell.
glandulosus, L.
var. angustifolius, Muell.
var. Lindheimeri, Muell.
var. septentrionalis, Muell.
humilis, L. (Mex.)
leucophyllus, Muell.
Lindheimerianus, Scheele.
linearis, Jacq.
maritimus, Walt.
monanthogynus, Michx.

Neo-Mexicanus, Muell.
Pringlei, Watson. (Mex.)
suaveolens, Torr.
var. oblongifolius, Torr.
tenuis, Watson.
Texensis, Muell.
Torreyanus, Muell.

CROTONOPSIS
linearis, Michx.

DRYPETES
crocea, Poit.
glauca, Vahl.

EREMOCARPUS
setigerus, Benth.

EUPHORBIA
acuta, Engelm.
adenoptera, Bertol.
albomarginata, T. & G.
ammannioides, HBK.
angusta, Engelm.
antisyphilitica, Zucc.
Arizonica, Engelm.
barbellata, Engelm.
bicolor, Engelm. & Gray.
bifurcata, Engelm.
bilobata, Engelm.
Blodgettii, Engelm.
Brasiliensis, Lam.
brachycera, Engelm.
buxifolia, Lam.
campestris, Cham. & Schl.
capitellata, Engelm.
chamæsula, Boiss.
colorata, Engelm.
cordifolia, Ell.
commutata, Engelm.
corollata, L.
cuphosperma, Boiss.
Curtisii, Engelm.
cuspidata, Engelm.
Cyparissias, *L.*
Darlingtonii, Gray.
deltoidea, Engelm.
dentata, Michx.
var. rigidia.
dictyosperma, Fisch. & Mey.
var. Mexicana, Engelm.
var. leiococca, Engelm.
discoidalis, Chapm.
eriantha, Benth.
Esula, *L.*
exstipulata, Engelm.
Fendleri, T. & G.
florida, Engelm.
Garberi, Engelm.
Geyeri, Engelm.
glyptosperma, Engelm.
var. tenerrima, Engelm.
Helioscopia, *L.*
heterophylla, L.
var. graminifolia, Engelm.
hexagona, Nutt.
hirtula, Engelm.
humistrata, Engelm.
hypericifolia, L.
incisa, Engelm.
inundata, Torr.
Ipecacuanhæ, L.
lata, Engelm.
Lathyris, *L.*
leptocera, Engelm.
longicruris, Scheele.
lurida, Engelm.
maculata, L.
marginata, Pursh.
misera, Benth.
montana, Engelm.
var. gracilior, Engelm.
var. robusta, Engelm.
mercurialina, Michx.
mollis, Engelm.
nudicaulis, Chapm.
Neo-Mexicana, Greene.
obtusata, Pursh.
ocellata, Dur. & Hilg.
odontadenia, Boiss.
Palmeri, Engelm.
Parishii, Greene.
Parryi, Engelm.
pediculifera, Engelm.
Peplidion, Engelm.
peplofolia, Engelm.
Peplus, *L.*
petaloidea, Engelm.
pilulifera, L.
var. discolor.
platyphylla, *L.*
platysperma, Engelm.
Plummeræ, Watson.
polycarpa, Benth.
var. vestita, Watson.
polyclada, Boiss.
polygonifolia, L.

polyphylla, Engelm.
Preslii, Guss.
Pringlei, Engelm.
prostrata, Ait.
pubentissima, Michx.
pycnanthema, Engelm.
radians, Benth.
Rattani, Watson. Cont. xii. 372.
revoluta, Engelm.
Rœmeriana, Scheele.
Rusbyi, Greene.
sanguinea, Hochst. & Steud.
serpens, HBK.
var. radicans, Engelm.
serpyllifolia, Pers.
var. rugosa, Engelm.
Serrula, Engelm.
setiloba, Engelm.
sphærosperma, Shuttlew.
stictospora, Engelm.
strigosa, Hook. & Arn. (Mex.)
subpubens, Engelm.
telephioides, Chapm.
tetrapora, Engelm.
Texana, Boiss.
trachysperma, Engelm.
trichotoma, HBK.
velutina, Greene.
versicolor, Greene.
villifera, Scheele.
Wrightii, T. & G.
zygophylloides, Boiss.

HIPPOMANE
Mancinella, L.

JATROPHA
angustidens, Muell.
Berlandieri, Torr.
canescens, Muell.
cardiophylla, Muell.
macrorhiza, Benth., var. septemfida, Engelm.
multifida, L.
spathulata, var. sessiliflora, Muell.
urens, L., var. stimulosa, Muell.

JULOCROTON
argenteus, Diedr. (Mex.)

MANIHOT
angustiloba, Muell.
Carthagenensis, Muell.

MERCURIALIS
annua, *L.*

PACHYSANDRA
procumbens, Michx.

PHYLLANTHUS
abnormis, Baill.
Carolinensis, Walt.
ericoides, Engelm. (Mex.)
Niruri, L.
polygonoides, Spreng.

REVERCHONIA Gray, Proc. xvi. 107.
arenaria, Gray. l. c.

RICINUS
communis, *L.*

SAPIUM
sebiferum, *Roxb.*

SEBASTIANIA
(?) bilocularis, Watson. Cont. xii. 374.
ligustrina, Muell.
lucida, Muell.

SIMMONDSIA
Californica, Nutt.

STILLINGIA
angustifolia, Engelm.
(?) annua, Muell.
aquatica, Chapm.
linearifolia, Watson. Cont. ix. 297.
paucidentata, Watson. Cont. ix. 298.
sylvatica, L.
Torreyana, Watson. Cont. ix. 298.

TRAGIA
innocua, Walt.
laciniata, Muell.
macrocarpa, Willd.
nepetæfolia, Cav.
var. (?) angustifolia, Muell.
stylaris, Muell.
urens, L.
urticæfolia, Michx.

CALLITRICHACEÆ.

CALLITRICHE
Austini, Engelm.
autumnalis, L.
Bolanderi, Hegelm.
deflexa, A. Braun.
heterophylla, Pursh.
marginata, Torr.
Nuttallii, Torr.
peploides, Nutt.
sepulta, Watson.
verna, L.

URTICACEÆ.

BŒHMERIA
cylindrica, Willd.

CANNABIS
sativa, L.

CELTIS
brevipes, Watson.
Mississippiensis, Bosc.
occidentalis, L.
var. pumila, Gray.
pallida, Torr.
reticulata, Torr.

FICUS
aurea, Nutt.
brevifolia, Nutt.
pedunculata, Willd.

HESPEROCNIDE
tenella, Torr.

HUMULUS
Lupulus, L.

LAPORTEA
Canadensis, Gaudich.

MACLURA
aurantiaca, Nutt.

MORUS
alba, L.
microphylla, Buckl.
nigra, L.
rubra, L.

PARIETARIA
debilis, Forst.
Floridana, Nutt.
Pennsylvanica, Muhl.

PILEA
herniarioides, Lindl.
pumila, Gray.

PLANERA
aquatica, Gmel.
Gmelini, Michx.

TREMA
micrantha, Benth. & Hook.

ULMUS
alata, Michx.
Americana, L.
var. (?) aspera, Chapm.
crassifolia, Nutt.
fulva, Michx.

URTICA
Breweri, Watson.
chamædryoides, Pursh.
dioica, L.
gracilis, Ait.
holosericea, Nutt.
Lyallii, Watson.
urens, L.

PLATANACEÆ.

PLATANUS
occidentalis, L.
racemosa, Nutt.
Wrightii, Watson.

LEITNERIEÆ.

LEITNERIA
Floridana, Chapm.

JUGLANDACEÆ.

CARYA
alba, Nutt.
amara, Nutt.
aquatica, Nutt.
myristicæformis, Michx.
olivæformis, Nutt.
porcina, Nutt.
sulcata, Nutt.
tomentosa, Nutt.

JUGLANS
Californica, Watson.
cinerea, L.
nigra, L.
rupestris, Engelm.

MYRICACEÆ.

COMPTONIA
asplenifolia, Ait.

MYRICA
Californica, Cham.
cerifera, L.
Gale, L.
Hartwegi, Watson.

CASUARINEÆ.

CASUARINA
equisetifolia, Forst.

BETULACEÆ.

ALNUS
incana, Willd.
var. virescens, Watson.
maritima, Muhl.
oblongifolia, Torr.
rhombifolia, Nutt.
rubra, Bong.
serrulata, Willd.
viridis, DC.

BETULA
alba, var. populifolia, Spach.
glandulosa, Michx.
lenta, L.
lutea, Michx. f.
nigra, L.
occidentalis, Hook.
papyracea, Ait.
pumila, L.

CUPULIFERÆ.

CARPINUS
Americana, Lam.

CASTANEA
pumila, Michx.
vesca, L., v. Americana, Mx.

CASTANOPSIS
chrysophylla, A. DC.

CORYLUS
Americana, Walt.
rostrata, Ait.
var. Californica, A. DC.

FAGUS
ferruginea, Ait.

OSTRYA
Virginica, Willd.

QUERCUS
agrifolia, Nee.
var. frutescens, Engelm.
alba, L.
aquatica, Walt.
bicolor, Willd.
Breweri, Engelm.
Catesbæi, Michx.
chrysolepis, Liebm.
var. vacciniifolia, Engelm.
cinerea, Michx.
coccinea, Wang.
densiflora, Hook. & Arn.
Douglasii, Hook. & Arn.
dumosa, Nutt.
var. bullata, Engelm.
Durandii, Buckl.
Emoryi, Torr.
falcata, Michx.
Garryana, Dougl.
Georgiana, M. A. Curtis.
grisea, Liebm.
heterophylla, Michx.
hypoleuca, Engelm.
ilicifolia, Wang.
imbricaria, Michx.
Kelloggii, Newberry.
laurifolia, Michx.
lobata, Nee.
lyrata, Walt.
macrocarpa, Michx.
var. depressa, Engelm.
Michauxii, Nutt.
myrtifolia, Willd.
oblongifolia, Torr.
obtusiloba, Michx.
nigra, L.
Palmeri, Engelm.
palustris, Du Roi.
Phellos, L.
prinoides, Willd.
Prinus, L.
pumila, Walt.
var. sericea, Engelm.
reticulata, Humb. & Bonpl.
rubra, L.
var. Texana, Buckl.
tinctoria, Bartr.
undulata, Torr.
var. Gambelii, Engelm.
var. Gunnisoni, Engelm.
var. Jamesii, Engelm.
virens, Ait.

var. maritima, Chapm.
Wislizeni, A. DC.
var. frutescens, Engelm.

SALICACEÆ.

POPULUS
angustifolia, James.
balsamifera, L.
var. candicans, Gray.
Fremonti, Watson.
var. (?) Wislizeni, Watson.
grandidentata, Michx.
heterophylla, L.
monilifera, Ait.
tremuloides, Michx.
trichocarpa, T. & G.
var. cupulata, Watson.

SALIX
adenophylla, Hook.
alba, L.
var. cærulea, Koch.
var. Pameachiana, And.
var. vitellina, Koch.
amygdaloides, And.
arctica, Pall.
var. Brownei, And.
var. petræa, And.
argyrocarpa, And.
Austinæ, Bebb.
Babylonica, L.
balsamifera, Barratt.
Barclayi, And.
var. latiuscula, And.
Barrattiana, Hook.
Breweri, Bebb.
Californica, Bebb.
candida, Willd.
Chamissonis, And.
chlorophylla, And.
var. denudata, And.
var. pycnocarpa, And.
var. vestita, And.
cordata, Muhl.
var. angustata, And.
var. Mackenziana, Hook.
var. vestita, And.
var. Watsoni, Bebb.
desertorum, Rich.
var. (?) Wolfii, Bebb.
Drummondiana, Barratt.
discolor, Muhl.
var. eriocephala, And.
var. prinoides, And.
flavescens, Nutt.
var. Scouleriana, Bebb.
fragilis, L.
var. decipiens, Hoffm.
fulcrata, var. subglauca, And.
glauca, L.
var. villosa, And.
glaucophylla, Bebb.
herbacea, L.
Hookeriana, Barratt.
humilima, And.
humilis, Muhl.
var. angustifolia, And.
var. grandifolia, And.
var. longifolia, And.
irrorata, And.
lævigata, Bebb.
var. angustifolia, Bebb.
var. congesta, Bebb.
lasiandra, Benth.
var. Fendleriana, Bebb.
var. lancifolia, Bebb.
lasiolepis, Benth.
var. Bigelovii, Bebb.
var. fallax, Bebb.
Lemmoni, Bebb.
var. macrostachya, Bebb.
var. melanolepis, Bebb.
var. sphærostachya, Bebb.
lingulata, And.
longifolia, Muhl.
var. argyrophylla, And.
var. exigua, Bebb.
var. pedicellata, And.
lucida, Muhl.
macrocarpa, Nutt.
var. argentea, Bebb.
Monica, Bebb.
monticola, Bebb.
myrtilloides, L.
var. pedicellaris, Carey.
nigra, Marsh.
var. longipes, And.
var. marginata, And.
var. Wardii, Bebb.
var. Wrightii, And.
Novæ-Angliæ, And.
var. myrtillifolia, And.
var. pseudo-cordata, And.
var. pseudo-myrsinites, An.

orbicularis, And.
ovalifolia, Traut.
petiolaris, Smith.
var. gracilis, And.
var. subsericea, And.
phlebophylla, And.
phylicoides, And.
prolixa, And.
purpurea, L.
var. gracilis, And.
var. Helix, Koch.
var. Lambertiana, Koch.
reticulata, L.
var. nivalis, And.
Richardsoniana, Hook.
rostrata, Rich.
rotundifolia, Traut.
sericea, Marsh.
sessilifolia, Nutt.
var. Hindsiana, And.
var. villosa, Nutt.
Sitchensis, Sanson.
var. angustifolia, Bebb.
var. congesta, And.
var. (?) Coulteri, Bebb.
var. denudata, And.
speciosa, Hook. & Arn.
subcordata, And.
taxifolia, HBK.
tenera, And.
tristis, Ait.
Uva-ursi, Pursh.
venusta, And.
vestita, Pursh.
viminalis, L.

HYBRIDS.

fragilis × *alba, Wimmer.*
var. vestita, Wimmer.
var. glabra, Wimmer.
Caprea × *viminalis, Wimmer.*
cinerea × *viminalis, Wimmer.*
alba × lucida, Bebb.
cordata × sericea, Bebb.
petiolaris × candida, Bebb.
sericea × candida, Bebb.
cordata × candida, Bebb.

EMPETRACEÆ.

CERATIOLA
ericoides, Michx.

COREMA
Conradii, Torr.

EMPETRUM
nigrum, L.

CERATOPHYLLACEÆ.

CERATOPHYLLUM
demersum, L.

GNETACEÆ.

EPHEDRA
antisyphilitica, C. A. Meyer.
Californica, Watson.
Nevadensis, Watson.
pedunculata, Engelm.
Torreyana, Watson.
trifurca, Torr.

CONIFERÆ.

ABIES
amabilis, Forbes.
balsamea, Marshall.
bracteata, Nutt.
concolor, Lindl.
Fraseri, Lindl.
grandis, Lindl.
magnifica, Murray.
nobilis, Lindl.
subalpina, Engelm.
var. fallax, Engelm.

CHAMÆCYPARIS
Lawsoniana, Parlat.
Nutkaensis, Spach.
sphæroidea, Spach.

CUPRESSUS
Arizonica, Greene.
Goveniana, Gordon.
Guadalupensis, Watson.
Macnabiana, Murr.
macrocarpa, Hartw.

JUNIPERUS
Californica, Carr.
var. Utahensis, Engelm.
communis, L.
var. alpina, Gaud.
pachyphlœa, Torr.
occidentalis, Hook.
var. conjugens, Engelm.
var. monosperma, Engelm.
Sabina, L., v. procumbens, Ph.
Virginiana, L.

LARIX
Americana, Michx.
Lyallii, Parlat.
occidentalis, Nutt.

LIBOCEDRUS
decurrens, Torr.

PICEA
alba, Link.
Breweriana, Watson.
Engelmanni, Engelm.
nigra, Link.
pungens, Engelm.
Sitchensis, Carr.

PINUS
albicaulis, Engelm.
Arizonica, Engelm.
australis, Michx.
Balfouriana, Jeffrey.
var. aristata, Engelm.
Banksiana, Lambert.
cembroides, Zucc.
Chihuahuana, Engelm.
clausa, Vasey.
contorta, Dougl.
Coulteri, Don.
Cubensis, Griseb.
edulis, Engelm.
flexilis, James.
glabra, Walt.
inops, Ait.
insignis, Dougl.
Jeffreyi, Murr.
Lambertiana, Dougl.
mitis, Michx.
monophylla, Torr. & Frem.
monticola, Dougl.
muricata, Don.
Murrayana, Balf.
Parryana, Engelm.
ponderosa, Dougl.
var. scopulorum, Engelm.
pungens, Michx. f.
reflexa, Engelm.
resinosa, Ait.
rigida, Mill.
Sabiniana, Dougl.
serotina, Michx.
Strobus, L.
Tæda, L.
Torreyana, Parry.
tuberculata, Gordon.

PSEUDOTSUGA
Douglasii, Carr.
var. macrocarpa, Engelm.

SEQUOIA
gigantea, Decaisne.
sempervirens, Endl.

TAXODIUM
distichum, Richard.

TAXUS
baccata, L., var. Canadensis, Gray.
brevifolia, Nutt.
Floridana, Nutt.

THUYA
gigantea, Nutt.
occidentalis, L.

TORREYA
Californica, Torr.
taxifolia, Arn.

TSUGA
Canadensis, Carr.
Caroliniana, Engelm.
Mertensiana, Carr.
Pattoniana, Engelm.

CYCADACEÆ.

ZAMIA
integrifolia, Jacq.
pumila, L.

HYDROCHARIDACEÆ.

ANACHARIS
Canadensis, Planch.

HALOPHILA
Engelmannii, Asch.

LIMNOBIUM
Spongia, Richard.

VALLISNERIA
spiralis, L.

BURMANNIACEÆ.

APTERIA
setacea, Nutt.

BURMANNIA
biflora, L.
capitata, Chapm.

ORCHIDACEÆ.

APLECTRUM
hiemale, Nutt.

ARETHUSA
bulbosa, L.

BLETIA
verecunda, Swartz.

CALOPOGON
multiflorus, Lindl.
pallidus, Chapm.
parviflorus, Lindl.
pulchellus, R. Br.

CALYPSO
borealis, Salisb.

CEPHALANTHERA
Oregana, Reichenb. f.

CORALLORHIZA
Arizonica, Watson.
Bigelovii, Watson.
innata, R. Br.
Mertensiana, Bong.
micrantha, Chapm.
multiflora, Nutt.
odontorhiza, Nutt.

CYPRIPEDIUM
acaule, Ait.
arietinum, R. Br.
Californicum, Gray.
candidum, Muhl.
fasciculatum, Kellogg.
montanum, Dougl.
parviflorum, Salisb.
passerinum, Rich.
pubescens, Willd.
spectabile, Swartz.

CYRTOPODIUM
punctatum, Lindl.

DENDROPHYLAX
Lindenii, Benth.

EPIDENDRUM
cochleatum, L.
conopseum, Ait.
nocturnum, L.
rigidum, Sw.
venosum, Lindl.

EPIPACTIS
gigantea, Dougl.
Helleborine, Crantz, var. viridens, Irmisch.

GOODYERA
Menziesii, Lindl.
pubescens, R. Br.
repens, R. Br.

HABENARIA
albida, R. Br.
blephariglottis, Hook.
var. holopetala, Gray.
borealis, Cham.
bracteata, R. Br.
brevifolia, Greene.
ciliaris, R. Br.
Cooperi, Watson.
cristata, R. Br.
dilatata, Gray.
distans, Griseb.
elegans, Bolander.
fimbriata, R. Br.
flagellaris, Watson.
Garberi, Porter.
gracilis, Watson.
Hookeri, Torr.
var. oblongifolia, Paine.
hyperborea, R. Br.
integra, Spreng.
lacera, R. Br.
leucophæa, Gray.
leucostachys, Watson.
Michauxii, Nutt.
nivea, Spreng.
obtusata, Richards.
orbiculata, Torr.
pedicellata, Watson.
peramœna, Gray.
psycodes, Gray.
repens, Nutt.
sparsiflora, Watson.
Thurberi, Gray.
tridentata, Hook.
Unalaschensis, Watson.
virescens, Spreng.

HEXALECTRIS
aphylla, Raf.

LIPARIS
liliifolia, Richard.
Lœselii, Richard.

LISTERA
australis, Lindl.
convallarioides, Nutt.
cordata, R. Br.

MICROSTYLIS
corymbosa, Watson.
Floridana, Chapm.
monophyllos, Lindl.
montana, Rothrock.
ophioglossoides, Nutt.
purpurea, Watson.

ORCHIS
rotundifolia, Pursh.
spectabilis, L.

PHYSURUS
querceticola, Lindl.

POGONIA
affinis, Austin.
divaricata, R. Br.
ophioglossoides, Nutt.
pendula, Lindl.
verticillata, Nutt.

POLYSTACHYA
luteola, Hook.

PONTHIEVA
glandulosa, R. Br.

SPIRANTHES
brevifolia, Chapm.
brevilabris, Lindl.
cernua, Richard.
cinnabarina, Benth.
gracilis, Bigel.
graminea, Lindl., var. Walteri, Gray.
latifolia, Torr.
Madrensis, Benth.
odorata, Nutt.
ovalis, Lindl.
porrifolia, Lindl.
Romanzoffiana, Cham.
simplex, Gray.

TIPULARIA
discolor, Nutt.

VANILLA
planiflora, Andr.

SCITAMINEÆ.

CANNA
flaccida, Roscoe.

THALIA
dealbata, Roscoe.
divaricata, Chapm.

BROMELIACEÆ.

CATOPSIS
nutans, Griseb.

HECHTIA
Texensis, Watson.

TILLANDSIA
Bartramii, Ell.
bracteata, Chapm.
bulbosa, Hook.
cæspitosa, Le Conte.
flexuosa, Swartz.
Houzeavi, Morren.
juncea, Le Conte.
recurvata, Pursh.
usneoides, L.
utriculata, Le Conte.

HÆMODORACEÆ.

ALETRIS
aurea, Walt.
farinosa, L.

LACHNANTHES
tinctoria, Ell.

LOPHIOLA
aurea, Ker.

IRIDACEÆ.

ALOPHIA
cærulea, Benth. & Hook.
Drummondiana, Herb.

BELAMCANDA
Chinensis, Red.

GELASINE
Texana, Herb.

IRIS
bracteata, Watson.
cristata, Ait.

cuprea, Pursh.
Douglasiana, Herb.
Hartwegi, Baker.
hexagona, Walt.
lacustris, Nutt.
longipetala, Herb.
macrosiphon, Torr.
Missouriensis, Nutt.
tenax, Dougl.
tenuis, Watson.
tripetala, Walt.
verna, L.
versicolor, L.
Virginica, L.

NEMASTYLIS
acuta, Herb.
cœlestina, Nutt.
purpurea, Herb.

SISYRINCHIUM
anceps, L.
Arizonicum, Rothrock.
bellum, Watson.
Californicum, Ait. f.
geniculatum, Herb.
grandiflorum, Dougl.
mucronatum, Michx.

AMARYLLIDACEÆ.

AGAVE
deserti, Engelm.
heteracantha, Zucc.
maculosa, Hook.
Newberryi, Engelm.
Palmeri, Engelm.
Parryi, Engelm.
parviflora, Torr.
Schottii, Engelm.
Shawii, Engelm.
Utahensis, Engelm.
variegata, Jacobi.
Virginica, L.

COOPERIA
Drummondii, Herb.
pedunculata, Herb.

CRINUM
Americanum, L.

HYMENOCALLIS
Caribæa, Herb.
coronaria, Kunth.
crassifolia, Herb.
glauca, Baker.
humilis, Watson.
nutans, Benth. & Hook.
occidentalis, Kunth.
Palmeri, Watson.
rotata, Herb.

HYPOXIS
decumbens, L.
erecta, L.
juncea, Smith.

ZEPHYRANTHES
Atamasco, Herb.
longifolia, Hemsl.
Texana, Herb.
Treatiæ, Watson.

DIOSCOREACEÆ.

DIOSCOREA
villosa, Torr.

ROXBURGHIACEÆ.

CROOMIA
pauciflora, Torr.

LILIACEÆ.

ALLIUM
acuminatum, Hook.
anceps, Kellogg.
atrorubens, Watson.
attenuifolium, Kellogg.
Bidwelliæ, Watson.
Bigelovii, Watson.
bisceptrum, Watson.
Bolanderi, Watson.
Brandegei, Watson.
brevistylum, Watson.
Breweri, Watson.
campanulatum, Watson.
Canadense, Kalm.
cernuum, Roth.
collinum, Dougl.
cristatum, Watson.
Cusickii, Watson.
Douglasii, Hook.
falcifolium, Hook. & Arn.
fimbriatum, Watson.
Geyeri, Watson.
hæmatochiton, Watson.
lacunosum, Watson.
Lemmoni, Watson.
macrum, Watson.
madidum, Watson.

mutabile, Michx.
Nevadense, Watson.
Nevii, Watson.
Nuttallii, Watson.
Palmeri, Watson.
Parishii, Watson. Cous. x. 340.
Parryi, Watson.
parvum, Kellogg.
platycaule, Watson.
pleianthum, Watson.
Plummeræ, Watson. Cous. xi. 195.
reticulatum, Fras.
Sanbornii, Wood.
scaposum, Benth.
Schœnoprasum, L.
scilloides, Dougl.
serratum, Watson.
stellatum, Fras.
Tolmiei, Baker.
tribracteatum, Torr.
tricoccum, Ait.
unifolium, Kellogg.
validum, Watson.
vineale, *L.*

AMIANTHIUM Mats. Cous. ix. 231.
muscætoxicum, Gray.

ANDROSTEPHIUM Cous. ii. 239.
breviflorum, Watson. Cous. i. 7.
violaceum, Torr.

ANTHERICUM
Torreyi, Baker. Mats. Cous. ix. 241
includes Hesperanthes.

ASPARAGUS
officinalis, *L.*

BREVOORTIA
coccinea, Watson. Cous. ix. 239.

BLOOMERIA
aurea, Kellogg. Mats. Cous. ix. 235.
Clevelandi, Watson. Cous. xii. 376.
montana, Greene. Studies, iii. 10.

BRODIÆA Mats. Cous. ix. 236; Greene, Studies, v. 13.
Bridgesii, Watson.
capitata, Benth.
congesta, Smith.
crocea, Watson.
Douglasii, Watson.
filifolia, Watson. Cous. x. 381.
gracilis, Watson.
grandiflora, Smith.
var. (?) major, Benth.
Howellii, Watson. Cous. ix. 301.
ixioides, Watson.
lactea, Watson.
laxa, Watson.
var. lilacina, Watson.
Lemmonæ, Watson. Cous. xi. 376.
minor, Watson.
multiflora, Benth.
peduncularis, Watson.
stellaris, Watson. Cous. x. 381.
terrestris, Kellogg.
Hendersoni, Watson.

CALOCHORTUS Mats. Cous. ix. 262.
albus, Dougl.
var. paniculatus, Baker.
apiculatus, Baker.
aureus, Watson. Cous. i. 7.
Benthami, Baker.
cæruleus, Watson.
Catalinæ, Watson.
clavatus, Watson.
elegans, Pursh.
var. nanus, Wood.
flexuosus, Watson. Cous. i. 7.
Greenei, Watson.
Gunnisoni, Watson.
Kennedyi, Porter.
lilacinus, Kellogg.
longebarbatus, Watson. Cous. x. 381.
luteus, Dougl.
var. citrinus, Watson.
var. oculatus, Watson.
Lyoni, Watson. Cous. xiii. 455.
macrocarpus, Dougl.
Maweanus, Leicht.
nitidus, Dougl.
nudus, Watson.
Nuttallii, T. & G.
Obispoensis, Lemmon.
Palmeri, Watson.
pulchellus, Dougl.
splendens, Dougl.
Tolmiei, Hook. & Arn.
uniflorus, Hook. & Arn.
venustus, Benth.
var. purpurascens, Watson.
Weedii, Wood.
var. purpurascens, Watson.
Howellii Watson

CAMASSIA Mats. Cont. ix. 240.
esculenta, Lindl. Mats. Cont. xii. 376.
Fraseri, Torr. (Z u l)
var. angusta, Torr.
Leichtlinii, Watson. Cont. xii. 370.

CHAMÆLIRIUM Mats. Cont. ix. 282.
Carolinianum, Willd.

CHLOROGALUM Mats. Cont. ix. 242.
angustifolium, Kellogg.
parviflorum, Watson.
pomeridianum, Kunth.

CLINTONIA Mats. Cont. ix. 271.
Andrewsiana, Torr.
borealis, Raf.
umbellata, Torr.
uniflora, Kunth.

CONVALLARIA
majalis, L. Z u Q Mats. Cont. ix. 293.

DASYLIRION Mats. Cont. ix. 249.
Berlandieri, Watson. (Mex.)
Texanum, Scheele.
Wheeleri, Watson.

ERYTHRONIUM Mats. Cont. ix. 260.
albidum, Nutt. Z u l)
Americanum, Smith.
grandiflorum, Pursh.
var. (?) albiflorum, Hook.
var. (?) minus, Morren.
var. (?) Smithii, Hook.
Hartwegi, Watson.
propullans, Gray. Op. 97.
purpurascens, Watson. Cont. vii. 277.
var. uniflorum, Watson.
u Z Hendersonium, Watson Cont. xiv. p. 479
u Z Howellii Watson Cont. xiv. p. 80
" citrinus " " " "

FRITILLARIA Mats. Cont. ix. 258.
atropurpurea, Nutt.
biflora, Lindl.
Kamtschatcensis, Ker.
lanceolata, Pursh.
var. floribunda, Benth.
var. gracilis, Watson.
liliacea, Lindl.
parviflora, Torr.
pluriflora, Torr.
pudica, Spreng.
recurva, Benth.

HELONIAS
bullata, L. Mats. Cont. ix. 281.

HASTINGSIA
u x alba, Watson. Cont. ix. 242.
bracteosa, Watson. Cont. xii. 377.

HEMEROCALLIS
fulva, L.

HESPERALOE Mats. Cont. ix. 250.
(?) Engelmanni, Krausk.
yuccæfolia, Engelm.

HESPEROCALLIS Zoe, Ph. vii. 390; Mats. Cont. ix. 250.
undulata, Gray.

LEUCOCRINUM
montanum, Nutt. Mats. Cont. ix. 240.

LILIUM Mats. Cont. ix. 255.
Bolanderi, Watson. Cont. xii. 377.
Canadense, L. Z u l.
Carolinianum, Michx.
Catesbæi, Walt.
Columbianum, Hanson.
Grayi, Watson. Cont. ix. 302; Gen. & Forest. i. 19.
Humboldtii, Roezl & Leicht.
maritimum, Kellogg.
pardalinum, Kellogg.
var. angustifolium, Kell.
Parryi, Watson.
parvum, Kellogg.
Philadelphicum, L.
rubescens, Watson.
Washingtonianum, Kellogg.

LLOYDIA
serotina, Reich. Z u Q Mats. Cont. ix. 261.

MAIANTHEMUM Mats. Cont. ix. 246.
bifolium, DC.
var. (?) dilatatum, Wood.
u Z Canadense, Desf.

MEDEOLA
Virginiana, L. Mats. Cont. ix. 272.

MELANTHIUM Mats. Cont. ix. 276.
latifolium, Desv.
parvifolium, Watson.
Virginicum, L. (x u l)

MILLA
biflora, Cav. Mats. Cont. ix. 240.

MUILLA
maritima, Watson. Cont. ix. 235.

MUSCARI
Q u Z *botryoides, Mill.*

NARTHECIUM
Americanum, Ker.
Californicum, Baker.

NOLINA
Bigelovii, Watson.
erumpens, Watson.
Georgiana, Michx.
Greenei, Watson.
Lindheimeriana, Watson.
microcarpa, Watson.
Palmeri, Watson. (L. Cal.)
Parryi, Watson.
Texana, Watson.

NOTHOSCORDUM
striatum, Kunth.

OAKESIA
puberula, Watson.
sessilifolia, Watson.

ODONTOSTOMUM
Hartwegi, Torr.

ORNITHOGALUM
umbellatum, L.

PLEEA
tenuifolia, Michx.

POLYGONATUM
biflorum, Ell.
giganteum, Dietr.

PROSARTES
Hookeri, Torr.
var. oblongifolia, Watson.
lanuginosa, Don.
maculata, Gray.
Menziesii, Don.
Oregana, Watson.
parvifolia, Watson.
strachyandra, Torr.
trachycarpa, Watson.

SCHŒNOCAULON
caricifolium, Gray. (Mex.)
Drummondii, Gray.
gracile, Gray.

SCHŒNOLIRION
croceum, Gray.
Elliottii, Feay.
Texanum, Gray.

SCOLIOPUS
Bigelovii, Torr.
Hallii, Watson.

SMILACINA
amplexicaulis, Nutt.
racemosa, Desf.
sessilifolia, Nutt.
stellata, Desf.
trifolia, Desf.

SMILAX
auriculata, Walt.
Beyrichii, Kunth.
Bona-nox, L.
subsp. hederæfolia, A. DC.
subsp. pandurata, A. DC.
subsp. polyodonta, A. DC.
subsp. Wrightii, A. DC.
Californica, Gray.
glauca, Walt.
Havanensis, Jacq.
herbacea, L.
var. ecirrhata, A. DC.
var. lasioneuron, A. DC.
var. longifolia, A. DC.
var. peduncularis, A. DC.
var. Simsii, A. DC.
hispida, Muhl.
lanceolata, L.
laurifolia, L.
var. bupleurifolia, Del.
ovata, Pursh.
var. Buckleyi, A. DC.
Pseudo-China, L.
pumila, Walt.
rotundifolia, L.
var. quadrangularis, Gray.
tenuifolia, Michx.
Walteri, Pursh.

STENANTHIUM
angustifolium, Gray.
occidentale, Gray.
robustum, Watson.

STREPTOPUS
amplexifolius, DC.
brevipes, Baker.
roseus, Michx.

STROPHOLIRION
Californicum, Torr.

TOFIELDIA
coccinea, Richards.
var. major, Hook.
glabra, Nutt.
glutinosa, Willd.
occidentalis, Watson.
palustris, Hudson.
pubens, Pers.

TRILLIUM
cernuum, L.
erectum, L.
erythrocarpum, Michx.
grandiflorum, Salisb.
nivale, Riddell.
ovatum, Pursh.
petiolatum, Pursh.
pusillum, Michx.
recurvatum, Beck.
var. (?) lanceolatum, Wats.
rivale, Watson.
sessile, L.
var. angustipetalum, Torr.
var. Californicum, Watson.
var. Nuttallii, Watson.
var. Wrayi, Watson.
stylosum, Nutt.

UVULARIA
grandiflora, Smith.
perfoliata, L.

VERATRUM
Californicum, Durand.
fimbriatum, Gray.
intermedium, Chapm.
viride, Ait.
Woodii, Robbins.

XEROPHYLLUM
Douglasii, Watson.
setifolium, Michx.
tenax, Nutt.

YUCCA
aloifolia, L.
angustifolia, Pursh.
var. mollis, Engelm.
baccata, Torr.
var. australis, Engelm.
brevifolia, Engelm.
canaliculata, Hook.
elata, Engelm.
gloriosa, L.
filamentosa, L.
var. (?) bracteata, Engelm.
var. flaccida, Engelm.
var. (?) lævigata, Engelm.
macrocarpa, Engelm.
rupicola, Scheele.
var. rigida, Engelm.
Schottii, Engelm.
Whipplei, Torr.

ZYGADENUS
angustifolium, Watson.
elegans, Pursh.
Fremonti, Torr.
glaberrimus, Michx.
leimanthoides, Gray.
Nuttallii, Gray.
paniculatus, Watson.
venenosus, Watson.
porrifolius, Greene.

PONTEDERIACEÆ.

HETERANTHERA
limosa, Vahl.
reniformis, Ruiz & Pav.

PONTEDERIA
cordata, L.
var. angustifolia, Gray.

SCHOLLERA
graminifolia, Willd.

XYRIDACEÆ.

XYRIS
ambigua, Beyr.
Baldwiniana, R. & S.
brevifolia, Michx.
Caroliniana, Walt.
difformis, Chapm.
Elliottii, Chapm.
elata, Chapm.
fimbriata, Ell.
flabelliformis, Chapm.
flexuosa, Muhl.
var. pusilla, Gray.
iridifolia, Chapm.
platylepis, Chapm.
serotina, Chapm.
setacea, Chapm.
stricta, Chapm.
tenuifolia, Chapm.
torta, Smith.

MAYACEÆ.

MAYACA
Michauxii, Schott & Endl.

COMMELINACEÆ.

COMMELINA
dianthifolia, DC.
erecta, L.
hirtella, Vahl.
nudiflora, L.
Virginica, L.

TINANTIA
anomala, Clarke.

TRADESCANTIA
Floridana, Watson.
leiandra, Torr.
micrantha, Torr.
rosea, Vent.
tuberosa, Greene.
Virginica, L.
var. flexuosa, Watson.
var. villosa, Watson.

JUNCACEÆ.

JUNCUS
acuminatus, Michx., var. debilis, Engelm.
var. diffusissimus, Engelm.
var. legitimus, Engelm.
alpinus, Vill., var. insignis, Fr.
arcticus, Willd.
var. Sitchensis, Engelm.
articulatus, L.
var. obtusatus, Engelm.
asper, Engelm.
Balticus, Dethard, var. littoralis, Engelm.
var. montanus, Engelm.
biglumis, L.
Bolanderi, Engelm.
brachycarpus, Engelm.
Breweri, Engelm.
bufonius, L.
var. fasciculatus, Koch.
Canadensis, J. Gay, var. coarctatus, Engelm.
var. brachycephalus, Eng.
var. longecaudatus, Eng.
var. subcaudatus, Engelm.
canaliculatus, Engelm.
castaneus, Smith.
caudatus, Chapm.
chlorocephalus, Engelm.
compressus, HBK.
Cooperi, Engelm.
dichotomus, Ell.
Drummondii, Meyer.
var. humilis, Engelm.
dubius, Engelm.
effusus, L.
var. brunneus, Engelm.
Elliottii, Chapm.
falcatus, E. Meyer.
var. paniculatus, Engelm.
filiformis, L.
Gerardi, Lois.
Greenei, Oakes & Tuckerm.
Hallii, Engelm.
Kelloggii, Engelm.
leptocaulis, T. & G.
Lescurii, Bolander.
var. elatius, Watson.
longistylis, Torr.
var. (?) latifolius, Engelm.
marginatus, Rostk., var. biflorus, Engelm.
var. paucicapitatus, Eng.
var. vulgaris, Engelm.
Mertensianus, Bong.
var. paniculatus, Engelm.
militaris, Bigel.
Nevadensis, Watson.
nodosus, L., var. megacephalus, Torr.
var. genuinus, Engelm.
var. Texanus, Engelm.
obtusatus, Engelm.
oxymeris, Engelm.
Parryi, Engelm.
patens, E. Meyer.
pelocarpus, E. Meyer.
var. crassicaudex, Engelm.
var. (?) subtilis, Engelm.
phæocephalus, Engelm., var. glomeratus, Engelm.
var. gracilis, Engelm.
var. paniculatus, Engelm.
procerus, E. Meyer.
repens, Michx.
robustus, Watson.
rugulosus, Engelm.
Rœmerianus, Scheele.
scirpoides, Lam., var. echinatus, Engelm.

var. macrostemon, Engelm.
var. polycephalus, Engelm.
setaceus, Rostk.
Smithii, Engelm.
stygius, L.
supiniformis, Engelm.
tenuis, Willd.
var. congestus, Engelm.
var. secundus, Engelm.
trifidus, L.
triformis, Eng., var. brachystylus, Engelm.
var. stylosus, Engelm.
var. uniflorus, Engelm.
triglumis, L.
Vaseyi, Engelm.
xiphioides, E. Mey., var. auratus, Engelm.
var. littoralis, Engelm.
var. macranthus, Engelm.
var. montanus, Engelm.
var. triandrus, Engelm.

LUZULA
arcuata, Meyer.
campestris, DC.
Carolinæ, Watson.
comosa, Meyer.
var. congesta, Watson.
var. macrantha, Watson.
var. subsessilis, Watson.
divaricata, Watson.
pilosa, Willd.
spadicea, DC.
var. melanocarpa, Meyer.
var. parviflora, Meyer.
var. subcongesta, Meyer.
spicata, Desv.

PALMÆ.

ERYTHEA
armata, Watson.

OREODOXA
regia, HBK.

RHAPIDOPHYLLUM
Hystrix, Wendl. & Drude.

SABAL
Adansonii, Guerns.
Palmetto, Rœm. & Schult.

SERENOA
serrulata, Benth. & Hook.

THRINAX
argentea, Loddiges.
parviflora, Swartz.

WASHINGTONIA
filifera, Wendl.
robusta "

TYPHACEÆ.

SPARGANIUM
eurycarpum, Engelm.
minimum, Bauhin.
simplex, Hudson.
var. androcladum, Gray.
var. angustifolium, Gray.
var. fluitans, Gray.
var. Nuttallii, Gray.

TYPHA
angustifolia, L.
latifolia, L.

ARACEÆ.

ACORUS
Calamus, L.

ARISÆMA
Dracontium, Schott.
polymorphum, Chapm.
triphyllum, Torr.

CALLA
palustris, L.

LYSICHITON
Kamtschatcense, Schott.

ORONTIUM
aquaticum, L.

PELTANDRA
undulata, Raf.
Virginica, Raf.

PISTIA
stratiotes, L., var. spathulata, Engler.

SYMPLOCARPUS
fœtidus, Salisb.

XANTHOSOMA
sagittifolium, Schott.

LEMNACEÆ.

LEMNA
gibba, L.
minor, L.
var. obscura, Austin.
var. orbiculata, Austin.
paucicostata, Hegelm.
perpusilla, Torr.
polyrrhiza, L.
trisulca, L.
Valdiviana, Philippi.

WOLFFIA
Brasiliensis, Weddell.
Columbiana, Karsten.
gladiata, Hegelm., var. Floridana, J. Donnell Smith.

ALISMACEÆ.

ALISMA
Plantago, L., var. Americanum, Gray.

DAMASONIUM
Californicum, Torr.

ECHINODORUS
parvulus, Engelm.
radicans, Engelm.
rostratus, Engelm.

SAGITTARIA
calycina, Eng., var. fluitans, Engelm.
var. maxima, Engelm.
var. media, Engelm.
var. spongiosa, Engelm.
cristata, Engelm.
graminea, Pursh.
heterophylla, Pursh, var. angustifolia, Engelm.
var. elliptica, Engelm.
var. fluitans, Engelm.
var. rigida, Engelm.
lancifolia, L.
natans, Michx.
var. lorata, Chapm.
pusilla, Nutt.
recurva, Engelm.
variabilis, Eng., var. angustifolia. Engelm.
var. diversifolia, Engelm.
var. gracilis, Engelm.
var. hastata, Engelm.
var. latifolia, Engelm.
var. obtusa, Engelm.
var. pubescens, Engelm.

NAIADACEÆ.

LILÆA
subulata, HBK.

NAIAS
flexilis, Rostk. & Schmidt.
var. robusta, Morong.
Indica, var. gracillima, A. Br.
major, All.
var. gracilis, Morong.
microdon, A. Br.

PHYLLOSPADIX
Scouleri, Hook.
Torreyi, Watson.

POTAMOGETON
amplifolius, Tuckerm.
Claytonii, Tuckerm.
crispus, L.
Curtissii, Morong.
gemmiparus, Robbins.
gramineus, L.
var. graminifolius, Fries.
var. heterophyllus, Fries.
var. maximus, Morong.
var. myriophyllus, Robbins
Hillii, Morong.
hybridus, Michx.
Illinoensis, Morong.
lateralis, Morong.
lonchites, Tuckerm.
lucens, L.
marinus, L.
var. (?) occidentalis, Rob'ns.
mucronatus, Schrad.
Mysticus, Morong.
natans, L.
Oakesianus, Robbins.
obtusifolius, M. & K.
pauciflorus, Pursh.
var. Californicus, Morong.
var. Niagarensis, Gray.
pectinatus, L.
var. (?) latifolius, Robbins.
perfoliatus, L.
var. lanceolatus, Robbins.
prælongus, Wulf.

pulcher, Tuckerm.
pusillus, L.
var. polyphyllus, Morong.
var. tenuissimus, M. & K.
Robbinsii, Oakes.
rufescens, Schrad.
Spirillus, Tuckerm.
Tuckermani, Robbins.
Vaseyi, Robbins.
Zizii, M. & K.
zosterifolius, Schum.

RUPPIA
maritima, L.

SCHEUCHZERIA
palustris, L.

TRIGLOCHIN
maritimum, L.
var. elatum, Gray.
palustre, L.
triandrum, Michx.

ZANNICHELLIA
palustris, L.
var. muricata, Morong.

ZOSTERA
marina, L.

ERIOCAULONACEÆ.

ERIOCAULON
decangulare, L.
gnaphalodes, Michx.
Ravenelii, Chapm.
septangulare, With.

LACHNOCAULON
glabrum, Kornicke.
Michauxii, Kunth.

PÆPALANTHUS
flavidus, Kunth.

CYPERACEÆ.

CAREX
acuta, L.
var. pallida, Boott.
var. prolixa, Hornem.
acutata, Boott.
acutiformis, Ehrh.
æstivalis, M. A. Curtis.
adusta, Boott.
var. glomerata, Bailey.
Alascana, Bœckl.
alopecoidea, Tuckerm.
alpina, Swartz.
var. holostoma, Bailey.
amplifolia, Boott.
aperta, Boott.
aquatilis, Wahl.
var. epigeios, Læst.
arctata, Boott.
arenaria, L.
arida, Schw. & Torr.
Assiniboinensis, W. Boott.
athrostachya, Olney.
atrata, L.
var. erecta, W. Boott.
var. nigra, Boott.
var. ovata, Boott.
atrofusca, Schk.
aurea, Nutt.
Backii, Boott.
Baltzellii, Chapm.
Barbaræ, Dew.
Barrattii, Schw. & Torr.
bicolor, All.
bifida, Boott.
Bonplandii, Kunth.
var. angustifolia, Boott.
Boottiana, Benth.
Breweri, Boott.
brizoides, L., var. nemoralis, Wimm.
bromoides, Schk.
Brongniartii, Kunth.
var. densa, Bailey.
bullata, Schk.
Buxbaumii, Wahl.
cæspitosa, L.
var. filifolia, Boott.
canescens, L.
var. alpicola, Wahl.
var. dubia, Bailey.
var. polystachya, Boott.
capillaris, L.
capitata, L.
Careyana, Torr.
Caroliniana, Buckl.
cephaloidea, Boott.
cephalophora, Muhl.
var. angustifolia, Boott.
Chapmani, Sartw.
Cherokeensis, Schw.

chordorhiza, Ehrh.
cinnamomea, Olney.
circinata, Meyer.
compacta, R. Br.
concinna, R. Br.
conjuncta, Boott.
conoidea, Schk.
Crawei, Dew.
crinita, Lam.
var. gynandra, Sch. & Torr.
crus-corvi, Shutt.
cryptocarpa, Meyer.
dasycarpa, Muhl.
Davisii, Schw. & Torr.
debilis, Michx.
var. prolixa, Bailey.
var. pubera, Gray.
decidua, Boott.
decomposita, Muhl.
Deweyana, Schw.
var. Bolanderi, W. Boott.
digitalis, Willd.
disticha, Huds.
Douglasii, Boott.
var. brunnea, Olney.
eburnea, Boott.
echinata, Murr.
var. conferta, Bailey.
var. microstachys, Bœckl.
Elliottii, Schw. & Torr.
Emmonsii, Dew.
Engelmanni, Bailey.
exilis, Dew.
extensa, Good.
festiva, Dew.
var. gracilis, Olney.
var. Haydeniana, W. Boott.
filifolia, Nutt.
var. (?) miser, Bailey.
var. valida, Olney.
filiformis, L.
var. latifolia, Bœckl.
flaccosperma, Dew.
flava, L.
flexilis, Rudge.
Floridana, Schw.
fœtida, All.
folliculata, L.
var. australis, Bailey.
formosa, Dew.
Franklinii, Boott.
Fraseri, Andrews.
frigida, All.
fulva, *Good.*
Gayana, Desv.
var. (?) hyalina, Bailey.
Geyeri, Boott.
gigantea, Rudge.
glareosa, Wahl.
var. cæspitosa, Bœckl.
glauca, *Scop.*
glaucodea, Tuckerm.
globosa, Boott.
Gmelini, Hook.
gracillima, Schw.
granularis, Muhl.
Grayii, Carey.
grisea, Wahl.
var. angustifolia, Boott.
gynocrates, Wormsk.
gynodynama, Olney.
Halei, Carey.
Halleriana, Asso.
Hallii, Bailey.
heleonastes, Ehrh.
helvola, Blytt.
Hendersoni, Bailey.
heteroneura, W. Boott.
hirta, *L.*
hirtissima, W. Boott.
Hitchcockiana, Dew.
Hoodii, Boott.
Houghtonii, Torr.
hystricina, Willd.
incurva, Lightf.
inops, Bailey.
interrupta, Bœckl.
intumescens, Rudge.
invisa, Bailey.
Jamesii, Torr.
var. Nebraskensis, Bailey.
Joori, Bailey.
juncea, Willd.
Knieskernii, Dew.
Krausei, Bœckl.
laciniata, Boott.
lævigata, *Smith.*
lagopina, Wahl.
laxiflora, Lam.
var. intermedia, Boott.
var. latifolia, Boott.
var. patulifolia, Carey.
var. striatula, Carey.
var. styloflexa, Boott.

leiocarpa, Meyer.
leiorhyncha, Meyer.
Lemmoni, W. Boott.
lenticularis, Michx.
leporina, *L.*
var. Americana, Olney.
Liddoni, Boott.
limosa, L.
var. stygia, Bailey.
livida, Willd.
longirostris, Torr.
lurida, Wahl.
var. divergens, Bailey.
var. polystachya, Bailey.
luzulæfolia, W. Boott.
luzulina, Olney.
Lyoni, Boott.
macrocephala, Willd.
Magellanica, Lam.
marcida, Boott.
var. debilis, Bailey.
maritima, Muller.
melanocarpa, Cham.
Mendocinensis, Olney.
Mertensii, Presc.
Michauxiana, Bœckl.
microdonta, Torr.
var. controversa, Bailey.
var. latifolia, Bailey.
misandra, R. Br.
monile, Tuckerm.
var. obtusisquamis, Bailey.
Muhlenbergii, Schk.
var. australis, Olney.
var. enervis, Boott.
multicaulis, Bailey.
muricata, L.
var. Americana, Bailey.
var. confixa, Bailey.
var. gracilis, Boott.
nardina, Fries.
nervina, Bailey.
nigella, Boott.
nigricans, Meyer.
nigro-marginata, Schw.
Norvegica, Schk.
Novæ-Angliæ, Schw.
var. Rossii, Bailey.
nudata, W. Boott.
obesa, All., var. minor, Boott.
obtusata, Lilj.
Œderi, Retz.
oligocarpa, Schk.
oligosperma, Michx.
Oregonensis, Olney.
oxylepis, Torr. & Hook.
pallescens, L.
panicea, *L.*
Parryana, Dew.
pauciflora, Lightf.
pedunculata, Muhl.
Pennsylvanica, Lam.
petricosa, Dew.
phyllomanica, W. Boott.
physocarpa, Presl.
pilosiuscula, Bœckl.
plantaginea, Lam.
platyphylla, Carey.
podocarpa, R. Br.
polymorpha, Muhl.
polytrichoides, Muhl.
Potosina, Hemsl.
præcox, *Jacq.*
prægracilis, W. Boott.
prasina, Wahl.
pratensis, Drej.
Pseudo-Cyperus, L.
var. comosa, W. Boott.
ptychocarpa, Steud.
pubescens, Muhl.
Pyrenaica, Wahl.
Raeana, Boott.
rariflora, Smith.
Raynoldsii, Dew.
remota, L.
retrocurva, Dew.
retrorsa, Schw.
var. Hartii, Carey.
Richardsonii, R. Br.
rigens, Bailey.
riparia, Curtis
rosea, Schk.
var. radiata, Dew.
var. retroflexa, Torr.
rostrata, With.
var. utriculata, Bailey.
rotundata, Wahl.
rupestris, All.
salina, Wahl.
var. mutica, Wahl.
Sartwelliana, Olney.
Saskatschewana, Bœckl.
saxatilis, L.
var. Grahami, Hook. & Arn.
var. (?) miliaris, Bailey.
scaberrima, Scheele.

scabrata, Schw.
Schweinitzii, Dew.
scirpoidea, Michx.
scoparia, Schk.
var. fulva, W. Boott.
senta, Boott.
serratodens, W. Boott.
Shortiana, Dew.
siccata, Dew.
Sitchensis, Presc.
sparganioides, Muhl.
spissa, Bailey.
squarrosa, L.
stenolepis, Torr.
stenophylla, Wahl.
Steudelii, Kunth.
stipata, Muhl.
straminea, Schk.
var. alata, Bailey.
var. aperta, Boott.
var. congesta, Boott.
var. fœnea, Torr.
var. invisa, W. Boott.
var. maxima, Bailey.
var. mirabilis, Tuckerm.
var. mixta, Bailey.
var. moniliformis, Tuckm.
striata, Michx.
stricta, Lam.
var. Emoryi, Bailey.
stylosa, Meyer.
var. virens, Bailey.
subfusca, W. Boott.
subspathacea, Wormsk.
subulata, Michx.
Sullivantii, Boott.
sychnocephala, Carey.
tenella, Schk.
tentaculata, Muhl.
var. gracilis, Boott.
tenuiflora, Wahl.
teretiuscula, Good.
var. ramosa, Boott.
tetanica, Schk.
var. Meadii, Bailey.
Tolmiei, Boott.
Torreyi, Tuckerm.
torta, Boott.
tribuloides, Wahl.
var. cristata, Bailey.
var. reducta, Bailey.
triceps, Michx.
trichocarpa, Muhl.
var. aristata, Bailey.
var. Deweyi, Bailey.
var. imberbis, Gray.
triquetra, Boott.
trisperma, Dew.
truncata, Bœckl.
Tuckermani, Boott.
turgescens, Torr.
ultra, Bailey.
umbellata, Schk.
var. brevirostris, Boott.
Urbani, Bœckl.
vaginata, Tausch.
vallicola, Dew.
varia, Muhl.
venusta, Dew.
var. glabra, Bailey.
verrucosa, Ell.
vesicaria, L.
var. major, Boott.
vestita, Willd.
virescens, Muhl.
vulgaris, Fries.
var. alpina, Boott.
var. bracteosa, Bailey.
var. hyperborea, Boott.
var. juncella, Fries.
var. turfosa, Boott.
vulpinoidea, Michx.
var. platycarpa, Olney.
Watsoni, Olney.
Whitneyi, Olney.
Willdenovii, Schk.

CLADIUM

effusum, Torr.
mariscoides, Torr.
Mariscus, R. Br., var. Californicus, Watson.

CYPERUS

acuminatus, Torr. & Hook.
amabilis, Vahl.
articulatus, L.
var. conglomeratus, Britt'n.

aristatus, Rottb.
Baldwinii, Torr.
bipartitus, Torr.
brunneus, Swartz.
Buckleyi, Britton.
Californicus, Watson.
cephalanthus, Torr. & Hook.
compressus, L.
cylindricus, Chapm.
cyrtolepis, Torr. & Hook.
var. denticarinatus, Britton
dentatus, Torr.
diandrus, Torr.
var. capitatus, Britton.
var. castaneus, Torr.
dissitiflorus, Torr.
distans, L.
Engelmannii, Steud.
erythrorhizos, Muhl.
var. pumilus, Engelm.
esculentus, L.
var. angustispicatus, Brit'n.
var. Hermanni, Britton.
var. macrostachyus, Bœckl.
Fendlerianus, Bœckl.
ferax, Richard.
filiculmis, Vahl.
filiformis, Swartz.
flavescens, L.
flavicomus, Vahl.
flavomariscus, Griseb.
var. peduncularis, Britton.
fuligineus, Chapm.
fuscus, L.
giganteus, Vahl.
Grayii, Torr.
Halei, Torr.
Hallii, Britton.
Haspan, L.
Hochstetteri, Nees.
incompletus, Link. (Mex.)
Iria, L.
Lancastriensis, Porter.
lævigatus, L.
lateriflorus, Torr.
Lecontei, Torr.
leucolepis, Carey.
ligularis, L.
Luzulæ, Rottb., var. umbellulatus, Britton.
melanostachyus, HBK. (Mex.)
Nuttallii, Eddy.
ochraceus, Vahl.
Olfersianus, Kunth.
ovularis, Torr.
var. robustus, Bœckl.
var. sphæricus, Bœckl.
oxycarioides, Britton.
polystachyus, Rottb.
var. leptostachyus, Bœckl.
Pringlei, Britton.
reflexus, Vahl.
refractus, Engelm.
retrofractus, Gray.
retrorsus, Chapm.
rotundus, L.
Rusbyi, Britton.
Schweinitzii, Torr.
var. debilis, Britton.
serrulatus, Watson.
sesleroides, HBK.
setigerus, Torr. & Hook.
speciosus, Vahl.
var. parvus, Britton.
var. squarrosus, Britton.
spectabilis, Schreb.
sphacelatus, Rottb.
stenolepis, Torr.
strigosus, L.
var. capitatus, Bœckl.
var. compositus, Britton.
var. elongatus, Britton.
var. gracilis, Britton.
var. robustior, Kunth.
Surinamensis, Bottb.
tetragonus, Ell.
Torreyi, Britton.
uniflorus, Torr. & Hook.
var. pumilus, Britton.
unioloides, R. Br., var. bromoides, Clarke.
virens, Michx.
viscosus, Ait.
Wrightii, Britton.

DICHROMENA

diphylla, Torr.
latifolia, Baldw.
leucocephala, Michx.

DULICHIUM

spathaceum, Pers.

ELEOCHARIS

acicularis, R. Br.
albida, Torr.
arenicola, Torr.
Baldwinii, Torr.

Bolanderi, Gray.
bicolor, Chapm.
capitata, R. Br.
cancellata, Watson. (Mex.)
cellulosa, Torr.
compressa, Sulliv.
diandra, C. Wright.
dispar, E. J. Hill.
Dombeyana, Kunth.
elongata, Chapm.
equisetoides, Torr.
intermedia, Schultes.
melanocarpa, Torr.
microcarpa, Torr.
multiflora, Chapm.
obtusa, Schultes.
olivacea, Torr.
palustris, R. Br.
  var. calva, Gray.
  var. glaucescens, Gray.
pauciflora, Watson.
prolifera, Torr.
pygmæa, Torr.
  var. anachæta, Torr.
quadrangulata, R. Br.
Robbinsii, Oakes.
rostellata, Torr.
  var. occidentalis, Watson.
simplex, Torr.
tenuis, Schultes.
Texana, Britton.
Torreyana, Bœckl.
tricostata, Torr.
tuberculosa, R. Br.

ERIOPHORUM

alpinum, L.
gracile, Koch.
polystachyon, L.
russeolum, Fries.
vaginatum, L.
Virginicum, L.
  var. album, Gray.

FIMBRISTYLIS

apus, Watson.
autumnalis, R. & S.
capillaris, Gray.
castanea, Vahl.
ciliatifolia, Britton in Torr. Herb.
coarctata, Schw.
laxa, Vahl.
miliacea, Vahl.
monostachya, Brit'n in Torr. Herb.
thermalis, Watson.
Vahlii, Link.
Warei, Britton in Torr. Herb.

FUIRENA

scirpoidea, Vahl.
squarrosa, Michx.
  var. aristulata, Torr.
  var. hispida, Chapm.
  var. macrostachya, Britton.
  var. pumila, Torr.

HEMICARPHA

occidentalis, Gray.
subsquarrosa, Nees.

KOBRESIA

scirpina, Willd.

KYLLINGIA

brevifolia, Rottb.
cæspitosa, Nees.
odorata, Vahl.

LIPOCARPHA

maculata, Torr.

PSILOCARYA

rhynchosporoides, Torr.
scirpoides, Torr.
Texensis, Torr. & Hook.

RHYNCHOSPORA

alba, Vahl.
Baldwinii, Gray.
caduca, Ell.
capillacea, Torr.
capitata, Chapm.
cephalantha, Torr.
Chapmanii, M. A. Curtis.
ciliata, Vahl.
compressa, Carey.
corniculata, Gray.
cymosa, Nutt.
  var. globularis, Chapm.
decurrens, Chapm.
divergens, Chapm.
Elliottii, Dietr.
fascicularis, Nutt.
  var. distans, Chapm.
  var. trichodes, Chapm.
filifolia, Gray.
fusca, R. & S.
glomerata, Vahl.
gracilenta, Gray.
Grayi, Kunth.

Harveyi, Boott.
inexpansa, Vahl.
Knieskernii, Carey.
macrostachya, Torr.
var. patula, Chapm.
megalocarpa, Gray.
microcarpa, Baldw.
miliacea, Gray.
oligantha, Gray.
pallida, M. A. Curtis.
patula, Gray.
plumosa, Ell.
var. intermedia, Chapm.
punctata, Ell.
pusilla, Chapm.
rariflora, Ell.
semiplumosa, Gray.
stenophylla, Chapm.
stipitata, Chapm.
Torreyana, Gray.

SCHŒNUS
nigricans, L.

SCIRPUS
atrovirens, Muhl.
cæspitosus, L.
Canbyi, Gray.
carinatus, Gray.
Clintonii, Gray.
criniger, Gray.
Cubensis, Pœpp. & Kunth.
cyperoides, Hemsl. (Mex.)
debilis, Pursh.
divaricatus, Ell.
Eriophorum, Michx.
var. cyperinus, Gray.
var. laxus, Gray.
fluviatilis, Gray.
heterocarpus, Watson. (Mex.)
lacustris, L.
var. occidentalis, Watson.
leptolepis, Chapm.
lineatus, Michx.
maritimus, L.
var. macrostachyos, Michx.
Nevadensis, Watson.
Olneyi, Gray.
planifolius, Muhl.
polyphyllus, Vahl.
pungens, Vahl.
riparius, Spreng.
rufus, Schrad.
Smithii, Gray.
subterminalis, Torr.
var. terrestris, Paine.
supinus, L.
var. Hallii, Gray.
sylvaticus, L.
var. digynus, Bœckl.
Tatora, Kunth.
Torreyi, Olney.
Wolfii, Gray.

SCLERIA
Baldwinii, Torr.
var. costata, Britton.
ciliata, Michx.
gracilis, Ell.
hirtella, Swartz.
lithosperma, Willd., var. filiformis, Britton.
oligantha, Ell.
pauciflora, Muhl.
var. Caroliniana, Wood.
var. Elliottii, Wood.
var. elongata, Britton.
var. glabra, Chapm.
reticularis, Michx.
var. obscura, Britton.
var. pubescens, Britton.
var. pumila, Britton. (Mex.)
Torreyana, Walpers.
triglomerata, Michx.
var. gracilis, Britton.
verticillata, Muhl.

GRAMINEÆ.

Inedited species marked with the *

ÆGOPOGON
cenchroides, Willd.
geminiflorus, HBK.

AGROPYRUM
caninum, R. & S.
dasystachyum, Vasey.
divergens, Nees.
var. tenue, Vasey.
glaucum, R. & S., var. occidentale, V. & S.
repens, L.
forma aristulata, Vasey.
Scribneri, Vasey.

tenerum, Vasey.
unilaterale, V. & S.
violaceum, Lange.

AGROSTIS
æquivalvis, Trin.
alba, L.
var. stolonifera, Vasey.
var. vulgaris, Thurb.
arachnoides, Ell.
arenaria, Scrib.*
asperifolia, Trin.
canina, L.
var. alpina, Oakes.
var. Novæ-Angliæ, Vasey.
var. rupestris, Gray.
depressa, Vasey.
Diegoensis, Vasey.
elata, Trin.
exarata, Trin.
var. littoralis, Vasey.
exigua, Thurb.
foliosa, Vasey.*
geminata, Trin.
grandis, Trin.
Hallii, Vasey.*
Howellii, Scrib.*
humilis, Vasey.
microphylla, Steud.
mucronata, Presl.
multiculmis, Vasey.*
Oregonensis, Vasey.*
pallens, Trin.
perennans, Tuck.
repens, Scribn.*
scabra, Willd.
var. cæspitosa, Torr.
Scouleri, Trin.
tenuis, Vasey.
varians, Trin.
verticillata, Vill.
virescens, HBK.

AIRA
caryophyllea, L.
præcox, L.

ALOPECURUS
agrestis, L.
alpinus, L.
? cæspitosus, Trin.
geniculatus, L.
var. aristulatus, Munro.
occidentalis, Scrib.
pratensis, L.
saccatus, Vasey.

AMMOPHILA
arundinacea, Host.
brevipilis, Vasey.
Curtissii, Vasey.
longifolia, Vasey.
var. gigantea, Scrib.*

AMPHICARPUM
Floridanum, Chapm.
Purshii, Kunth.

ANDROPOGON
arctatus, Chapm.
argyræus, Schultz.
brachystachyus, Chapm.
Cabanisii, Hack.
cirrhatus, Hack.
dissitiflorus, Michx.
var. dealbatus, Hack.
var. glaucus, Hack.
var. stenophyllus, Hack.
var. tetrastachyus, Hack.
Elliottii, Chapm.
gracilis, Spreng.
Hallii, Hack.
var. flaveolus, Hack.
var. incanescens, Hack.
var. muticus, Hack.
hirtiflorus, Kth., var. Feensis, Hack.
var. oligostachyus, Hack.
longiberbis, Hack.
macrourus, Michx.
var. abbreviatus, Hack.
var. corymbosus, Chapm.
var. glaucopsis, Chapm.
Mohrii, Hack.
provincialis, Lam.
var. geminatus, Hack.
var. Lindheimeri, Hack.
var. pycnanthus, Hack.
saccharoides, Swartz.
var. inermis, Vasey.*
scoparius, Michx.
var. macra, Hack.
var. maritimus, Hack.
var. multiramea, Hack.
var. simplex, Hack.
semiberbis, Kunth.

tener, Kunth.
Wrightii, Hack.

ANTHÆNANTIA
rufa, Benth.
villosa, Beauv.

ANTHOXANTHUM
odoratum, *L.*

ARCTAGROSTIS
latifolia, Griseb.
var. major, Vasey.*

ARCTOPHILA
fulva, Rupt.
Læstadii, Rupt.
mucronata, Hack.

ARRHENATHERUM
avenaceum, *P. B.*

ARISTIDA
Americana, L.
Arizonica, Vasey. Jour. Bull. xiii. 27.
basiramea, Engelm.
bromoides, HBK.
Californica, Thurb.
desmantha, Trin. & Rupt.
dichotoma, L.
var. Curtissii, Gray.
divaricata, Willd.
var. minor, Vasey.*
fasciculata, Torr.
var. longiseta, Scrib.
Floridana, Vasey.
gracilis, Ell.
var. depauperata, Engelm.
gyrans, Chapm. Bot. Gaz. iii. 18.
Havardii, Vasey. Jour. Bull. xiii. 27.
lanata, Poir.
oligantha, Michx.
Orcuttiana, Vasey. Jour. Bull. xiii. 27.
Palmeri, Vasey. Jour. Bull. x. 72.
palustris, Vasey.
purpurea, Nutt.
var. Berlandieri, Trin.
var. Californica, Vasey.
purpurascens, Poir.
var. minor, Vasey.
ramosissima, Engelm.
var. uniseta, Engelm.
Reverchonii, Vasey. Jour. Bull. xiii. 52.
scabra, Chapm.
Schiediana, Trin. & Rupt.
var. minor, Vasey. Jour. Bull. xiii. 28.
simplicifolia, Chapm. Bot. Gaz. iii. 18.
spiciformis, Ell.
stricta, Michx.
var. condensata, V. & S.
tuberculosa, Nutt.

ARUNDINARIA
macrosperma, Michx.
var. arborescens, Munro.
var. suffruticosa, Munro.

ARUNDO
Donax, L.

ASPRELLA
Californica, Benth.
hystrix, Willd.

AVENA
barbata, *L.*
fatua, *L.*
Hookeri, Scrib.
Smithii, Porter.
sativa, Michx.

BECKMANNIA
erucæformis, Host., var. uniflorus, Scrib.

BOUTELOUA Mem. Cornt. xi. 178.
aristidoides, Thurb.
bromoides, Lag.
Burkei, Scrib. Jour. Bull. xi. 5.
eriopoda, Torr.
Havardii, Vasey. Jour. Bull. xi. 6.
hirsuta, Lag.
Humboldtiana, Griseb.?
major, Vasey.*
oligostachya, Torr.
polystachya, Torr.
var. major, Vasey.
var. vestita, Watson.
prostrata, Lag.
racemosa, Lag.
Rothrockii, Vasey.
Texana, Watson. Cent. xi. 196.
trifida, Thurb. Jour. Bull. xi. 57.

BRACHYELYTRUM
aristatum, P. B.

BRIZA
media, *L.*
minor, *L.*

BROMUS
Aleutensis, Trin.
arvensis, L.
asper, L.
breviaristatus, Thurb.
carinatus, Hook.
ciliatus, L.
var. minor, Munro.
var. pauciflorus, Scrib.
var. purgans, Gray.
depauperatus, Presl.
erectus, Huds.
Hookerianus, Thurb.
var. minor, Scrib.
Kalmii, Gray.
var. occidentalis, Vasey.
maximus, Desf.
mollis, L.
Orcuttianus, Vasey.
Pumpellianus, Scrib.
racemosus, L.
rubens, L.
secalinus, L.
segetum, Schlecht.
sterilis, L.
squarrosus, L.
subulatus, Led.
Suksdorfii, Vasey.
tectorum, L.
unioloides, Willd.

BUCHLOË
dactyloides, Engelm.

CATABROSA
aquatica, P. B.

CATHESTECUM
erectum, Vasey & Hackel.

CENCHRUS
echinatus, L.
incertus, M. A. Curtis.
myosuroides, HBK.
tribuloides, L.
var. pauciflorus, Scrib.

CHLORIS
cucullata, Bisch.
elegans, HBK.
Floridana, Vasey.
glauca, Vasey.
Swartziana, Dœll.
verticillata, Nutt.
var. tenera, Vasey.*

CHRYSOPOGON
avenaceum, Benth.
nutans, Benth.
secundum, Benth.
Wrightii, Munro.

CINNA
arundinacea, L.
Bolanderi, Scrib.
pendula, Trin.
var. glomerata, Scrib.*
var. mutica, Vasey.*

COIX
lachryma, L.

COLEANTHUS
subtilis, Seid.

COTTEA
pappophoroides, Kunth.

CTENIUM
Americanum, Spreng.

CYNODON
dactylon, Pers.

DACTYLIS
glomerata, L.

DANTHONIA
Californica, Boland.
compressa, Aust.
intermedia, Vasey.
sericea, Nutt.
spicata, Beauv.
unispicata, Munro.

DESCHAMPSIA
atropurpurea, Scheele.
var. latifolia, Scrib.
brevifolia, R. Br.
cæspitosa, P. B.
var. alpina, Vasey.
var. longiflora, Trin.
calycina, Presl.
elongata, Munro.
flexuosa, Griseb.
gracilis, Vasey.
holciformis, Presl.

DEYEUXIA
Aleutica, Vasey.

ambigua, Scrib.
Bolanderi, Vasey.
Breweri, Vasey.
Canadensis, Hook.
confinis, Kunth.
crassiglumis, Vasey.
Cusickii, Vasey.
deschampsioides, Vasey.
Howellii, Vasey.
Langsdorffii, Kunth.
? Lapponica, Kunth.
Montanensis, Scrib.*
neglecta, Kunth.
Nuttalliana, Vasey.
pallida, V. & S.*
Pickeringii, Vasey.
Porteri, Vasey.
purpurascens, Kunth.
rubescens, Vasey.
strigosa, Kunth.
Suksdorfii, Scrib.
sylvatica, Kunth.
Tweedyi, Scrib.*

DIARRHENA
Americana, Beauv.

DIPLACHNE
biflora, Scrib.
dubia, Benth.
fascicularis, Beauv.
imbricata, Scrib.
Reverchoni, Vasey.
rigida, Vasey.
viscida, Scrib.

DISSANTHELIUM
Californicum, Benth.

DISTICHLIS
maritima, Raf.

DUPONTIA
Fischeri, R. Br.
psilosantha, Rupt.

EATONIA
Dudleyi, Vasey.
filiformis, Vasey.
longiflora, Vasey.*
obtusata, Gray.
var. purpurascens, Vasey.
var. robusta, Vasey.
Pennsylvanica, Gray.
var. major, Gray.
var. stricta, Vasey.

ELIONURUS
candidus, Hack.
ciliaris, HBK.
Nuttallii, Vasey.

ELYMUS
Americanus, V. & S.
ambiguus, V. & S.*
arenarius, L.
Bolanderi, V. & S.*
Canadensis, L.
var. glabriflorus, Vasey.*
var. glaucifolius, Gray.
condensatus, Presl.
dasystachys, Trin.
Macounii, Vasey.
mollis, Trin.
nitidus, Vasey.
Orcuttianus, Vasey.
Saundersii, Vasey.
Sitanion, Schultz.
striatus, Willd.
var. villosus, Gray.
tenuis, V. & S.
Virginicus, L.
var. submuticus, Hook.

EPICAMPES
macroura, Benth.
rigens, Benth.

ERAGROSTIS
alba, Presl.
Brownei, Nees.
campestris, Trin.
capillaris, L.
ciliaris, Link.
var. patens, Chapm.
conferta, Trin.
curtipedicellata, Buckl.
Frankii, Meyer.
lugens, Nees.
Mexicana, Link.
major, Host.
minor, Host.
Neo-Mexicana, Vasey.
Orcuttiana, Vasey.*
oxylepis, Torr.
pectinacea, Gray.
var. reflexa, Chapm.
var. spectabilis, Gray.
pilosa, L.
Purshii, Schrad.

pilifera, Scheele.
reptans, Nees.
tenuis, Gray.

EREMOCHLOË
Bigelovii, Watson.
Kingii, Watson.

ERIOCHLOA
Lemmoni, V. & S.
mollis, Kunth.
var. longifolia, Vasey.
punctata, Hamil.
sericea, Munro.

ERIANTHUS
brevibarbis, Michx.
contortus, Ell.
saccharoides, Michx.
strictus, Baldw.

FESTUCA
amethystina, L.
var. asperrima, Hack.
Californica, Vasey.*
confinis, Vasey.
dasyclada, Hack.
duriuscula, Lam.
elatior, L.
var. pratensis, Vasey.
gigantea, Vill.
gracillima, Hook.
Howellii, Hack.
Jonesii, Vasey.*
microstachya, Nutt.
var. ciliata, Gray.
var. divergens, Thurb.
var. pauciflora, Scrib.
Myurus, L.
nutans, Willd.
occidentalis, Hook.
ovina, L.
var. Arizonica, Hack.
var. brevifolia, Watson.
var. firmula, Hack.
var. macrochæta, Hack.
var. Oregona, Hack. mss.
var. polyphylla, Vasey.*
var. pseudovina, Hack.
var. sulcata, Hack.
Richardsonii, Hook.
rubra, L.
var. fallax, Hack.
var. littoralis, Vasey.
var. longearistata, Hack.
var. pubescens, Hack.
scabrella, Torr.
var. major, Scrib.
Shortii, Kunth? Vasey.*
sciurea, Nutt.
subulata, Bong.
var. conferta, Hack. mss.
tenella, Willd.
var. aristulata, Torr.
Texana, Vasey.
Thurberi, Vasey.
Vaseyana, Hack. mss.

FLUMINIA
arundinacea, Fries.

GASTRIDIUM
australe, P. B.

GLYCERIA
acutiflora, Torr.
angustata, Ledeb.
arundinacea, Kunth.
Canadensis, Trin.
conferta, Fries.
distans, Wahl.
var. airoides, Vasey.
elongata, Trin.
fluitans, R. Br.
Lemmoni, Vasey.
maritima, Wahl.
nervata, Trin.
obtusa, Trin.
pallida, Trin.
pauciflora, Presl.

GRAPHEPHORUM
melicoides, Gray.
var. major, Gray.
Wolfii, Vasey.
var. Brandegei, V. & S.*

GYMNOPOGON
brevifolius, Trin.
racemosus, Beauv.

HEMARTHRIA
fasciculata, Kunth.

HETEROPOGON
acuminatus, Trin.
contortus, R. & S.
var. glaber, Hack.

HIEROCHLOA
alpina, R. & S.
borealis, R. & S.
macrophylla, Thurb.
pauciflora, R. Br.

HILARIA
cenchroides, HBK., var. Texana, Vasey.
Jamesii, Benth.
mutica, Benth.
rigida, Scrib.

HOLCUS
lanatus, *L.*

HORDEUM
jubatum, L.
maritimum, *With.*
murinum, *L.*
nodosum, *L.*
pusillum, Nutt.

HYDROCHLOA
Caroliniensis, P. B.

IMPERATA
Brasiliensis, Trin.
brevifolia, Vasey.

KŒLERIA
cristata, Pers.
var. gracilis, Gray.

LAMARCKIA
aurea, *Mœnch.*

LEERSIA
hexandra, Swartz.
lenticularis, Michx.
monandra, Swartz.
oryzoides, Swartz.
Virginica, Willd.

LEPTOCHLOA
Langloisii, Vasey.
mucronata, Kunth.
var. pulchella, Scrib.
Nealleyi, Vasey.

LEPTURUS
filiformis, *Trin.*
incurvatus, *Trin.*

LOLIUM
arvense, *With.*
perenne, *L.*
temulentum, *L.*

LUZIOLA
Alabamensis, Chapm.
Peruviana, Pers.

LYCURUS
phleoides, HBK.

MANISURIS
granularis, *Swartz.*

MELICA
acuminata, Boland.
aristata, Thurb.
bromoides, Gray.
bulbosa, Geyer.
Californica, Scrib.
diffusa, Pursh.
var. nitens, Scrib.
frutescens, Scrib.
fugax, Boland.
Harfordii, Boland.
Howellii, Vasey.*
imperfecta, Trin.
var. flexuosa, Thurb.
var. refracta, Thurb.
mutica, Walt.
Porteri, Scrib.
spectabilis, Scrib.
stricta, Boland.
Torreyana, Scrib.

MILIUM
effusum, L.

MONANTHOCHLOË
littoralis, Engelm.

MUHLENBERGIA
ambigua, Torr.
arenicola, Buckl.
Arizonica, Scrib.
Berlandieri, Trin.
cæspitosa, Chapm.
Calamagrostidea, Kunth.
Californica, Vasey.
capillaris, Kunth.
var. filipes, Chapm.
comata, Benth.
debilis, Trin.
depauperata, Scrib.
diffusa, Schreb.
distichophylla, Munro.
flexuosa, Vasey.

glomerata, Trin.
var. ramosa, Vasey.
gracilis, Trin.
var. breviaristatus, Vasey.
var. major, Vasey.
gracillima, Torr.
Huachucana, Vasey.*
Mexicana, Trin.
var. filiformis, Gray.
monticola, Buckl.
Parishii, Vasey.
pauciflora, Buckl.
Pringlei, Scrib.
pungens, Thurb.
Schaffneri, Fourn.
setifolia, Vasey.
sobolifera, Trin.
sylvatica, T. & G.
Texana, Thurb.
trichopodes, Chapm.
virescens, Trin.
Willdenovii, Trin.
Wrightii, Vasey.

MUNROA
squarrosa, Torr.

OPLISMENUS
setarius, R. & S.

ORYZOPSIS
asperifolia, Michx.
Canadensis, Torr.
cuspidata, Scrib.
exigua, Thurb.
fimbriata, Hemsl.
melanocarpa, Muhl.
micrantha, Thurb.
Webberi, Vasey.

PANICUM
agrostoides, Muhl.
amarum, Ell.
var. minor, V. & S.
anceps, Michx.
angustifolium, Chapm.
autumnale, Bosc.
var. pubiflorum, Vasey.
bulbosum, HBK.
capillare, L.
var. flexile, Gattinger.
var. geniculatum, Scrib.
var. minimum, Engelm.
Chapmani, Vasey.
ciliatissimum, Buckl.
clandestinum, L.
var. pedunculatum, Gray.
colonum, L.
commutatum, Schultes.
consanguineum, Kunth.
Crus-galli, L.
var. hispidum, Gray.
var. muticum, Torr.
Curtisii, Chapm.
depauperatum, Muhl.
var. rectum, Torr.
dichotomum, L.
var. barbulatum, Gray.
divaricatum, L.
fasciculatum, Swartz.
var. fuscum, Griseb.
var. reticulatum, Vasey.
filiforme, L.
gibbum, Ell.
glabrum, Gaud.
var. Mississippiensis, Gatt'r.
gymnocarpum, Ell.
Hallii, Vasey.
hians, Ell.
latifolium, L.
var. molle, Vasey.*
laxiflorum, Lam.
var. pubescens, Vasey.*
leucophæum, HBK.
var. lachnanthum, V. & S.
Liebergii, Scrib.*
maximum, Jacq.
microcarpon, Muhl.
var. sphærocarpon, Vasey.*
miliaceum, L.
Nealleyi, Vasey.
nervosum, Muhl.
nitidum, Lam.
var. ensifolium, Vasey.
var. pilosum, Vasey.
obtusum, HBK.
paspaloides, Pers.
pauciflorum, Ell.
platyphyllum, Munro.
proliferum, Lam.
var. geniculatum, Vasey.
prostratum, Lam.
ramulosum, Michx.
repens, L.
var. confertum, Vasey
Reverchoni, Vasey.
sanguinale, L.
scabriusculum, Ell.

scoparium, Lam.
serotinum, Trin.
stenodes, Griseb.
Texanum, Buckl.
Urvilleanum, Kunth.
velutinosum, Nees.
verrucosum, Muhl.
virgatum, L.
var. confertum, Vasey.
var. macrospermum, Vasey.
viscidum, Ell.
unisetum, Trin.?
Xanthophysum, Gray.

PAPPOPHORUM
apertum, Munro.
Wrightii, Watson.

PASPALUM
Buckleyanum, Vasey.
cæspitosum, Flugge.
ciliatifolium, Michx.
var. dasyphyllum, Vasey.
conjugatum, Berg.
difforme, Le Conte.
dilatatum, Poir.
var. decumbens, Vasey.
distichum, L.
elatum, Richard.
Floridanum, Michx. non Le Conte.
var. glabratum, Engelm.*
fluitans, Kunth.
giganteum, Baldw.*
Hallii, V. & S.
var. glaucum, Scrib.
lævigatum, Michx., Ell.
var. angustifolium, Vasey.
var. undulosum, Vasey.
lentiginosum, Presl.
lividum, Trin.
Michauxianum, Kunth.
monostachyum, Vasey.
notatum, Flugge.
platycaule, Poir.
plicatulum, Michx.
præcox, Walt.
var. Curtisianum, Vasey.
purpurascens, Ell.
racemulosum, Nutt.
remotum, Remy.
setaceum, Michx.
var. debile, Vasey.
stoloniferum, L.
vaginatum, Swartz.
virgatum, L., var. platyoxon, Doell.
var. pubiflorum, Vasey.
Walterianum, Schultes.

PENNISETUM
setosum, Richard.

PHALARIS
amethystina, Trin.
arundinacea, L.
Canariensis, L.
intermedia, Bosc.
var. angustata, Chapm.
Lemmoni, Vasey.*

PHARUS
latifolius, L.

PHIPPSIA
algida, R. Br.

PHLEUM
alpinum, L.
pratense, L.

PHRAGMITES
communis, Trin.

PLEUROPOGON
Californicum, Benth.
refractum, Benth.
Sabinii, R. Br.

POA
abbreviata, R. Br.
alpina, L.
var. minor, Kunth.
alsodes, Gray.
var. acuminata, Vasey.*
var. Wolfii, Vasey.*
andina, Nutt.
annua, L.
arachnifera, Torr.
var. glabrata, Vasey.*
Bigelovii, V. & S.
Bolanderi, Vasey.
brevifolia, Muhl.
cæsia, Smith.
var. stricta, Gray.
Californica, Vasey.
cenisia, All.
Coloradoensis, Vasey.*

compressa, *L.*
cuspidata, V. & S.*
debilis, Torr.
Douglasii, Nees.
Eatoni, Watson.
flavicans, Ledeb.
flexuosa, Muhl.
var. occidentalis, Vasey.*
glumaris, Trin.
gracillima, Vasey.
Grayana, Vasey.*
Howellii, V. & S.
Kelloggii, Vasey.
laxa, Hænke.
lævis, Vasey,*
leptocoma, Trin.
Lettermani, Vasey.*
lucida, Vasey.*
multiflora, Vasey.*
nemoralis, L.
Nevadensis, Vasey.
var. elongata, V. & S.*
var. glauca, Scrib.*
Nutkaensis, Presl.
occidentalis, V. & S.*
Pattersoni, Vasey.*
pauciflora, Vasey.
pratensis, L.
Pringlei, Scrib.
pulchella, Vasey.
purpurascens, Vasey.
reflexa, V. & S.*
scabrella, Vasey.*
serotina, Ehrh.
stenantha, Trin.
Suksdorfii, Vasey.*
sylvestris, Gray.
tenuiflora, Nutt.
var. Oregona, Vasey.*
var. stenophylla, Vasey.*
trivialis, *L.*
var. occidentalis, Vasey.*
unilateralis, Scrib.*
Vaseyana, Scrib.*
Wardii, Vasey.*
Wheeleri, Vasey.

POLYPOGON
elongatus, HBK.
littoralis, *Smith.*
maritimum, *Willd.*
Monspeliensis, *Desf.*

REDFIELDIA
flexuosa, Vasey.

REIMARIA
oligostachya, Munro.

ROTTBŒLLIA
cylindrica, Chapm.
rugosa, Nutt.
var. areolata, Hack.
var. corrugata, Hack.

SCHEDONNARDUS
Texanus, Steud.

SCLEROPOGON
Karwinskianus, Benth.

SCRIBNERIA
Bolanderi, Hack.

SETARIA
composita, Kunth.
corrugata, Schult.
glauca, *Beauv.*
var. imberbis, Griseb.
var. lævigata, Chapm.
Italica, *Kunth.*
setosa, Beauv.
var. caudata, Griseb.
verticillata, *Beauv.*
viridis, *Beauv.*

SORGHUM
halepense, *Pers.*

SPARTINA
cynosuroides, Willd.
gracilis, Trin.
juncea, Willd.
polystachya, Willd.
stricta, Roth.
var. alterniflora, Gray.
var. glabra, Gray.

SPOROBOLUS
airoides, Torr.
argutus, Kunth, var. Arkansanus, Vasey.
arundinaceus, Vasey.*
asper, Kunth.
var. Drummondii, Vasey.
var. Hookeri, Vasey.

asperifolius, Thurb.
Buckleyi, Vasey.
compressus, Kunth.
cryptandrus, Gray.
var. flexuosus, Thurb.
var. strictus, Scrib.
cuspidatus, Scrib.
depauperatus, Scrib.
Domingensis, Kunth.
filiculmis, Scrib.
Floridanus, Chapm.
var. Curtissii, Vasey.
gracillimus, Vasey.
heterolepis, Gray.
Indicus, R. Br.
interruptus, Vasey.
junceus, Kunth.
Jonesii, Vasey.
purpurascens, Hamil.
ramulosus, Kunth.
serotinus, Gray.
tricholepis, Torr.
vaginæflorus, Vasey.
var. tenerus, Vasey.*
Virginicus, Kunth.
Wolfii, Vasey.
Wrightii, Munro.

STENOTAPHRUM
Americanum, Schk.

STIPA
avenacea, Linn.
Bloomeri, Boland.
chrysophylla, Desv.
comata, Trin.
coronata, Thurb.
eminens, Cav.
Kingii, Boland.
Lettermani, Vasey.
Mongolica, Turcz.
occidentalis, Thurb.
Parishii, Vasey.
pennata, L., var. Neo-Mexicana, Thurb.
Pringlei, Scrib.*
Richardsonii, Link.
Scribneri, Vasey.
setigera, Presl.
spartea, Trin.
speciosa, Trin. & Rupt.
Stillmani, Boland.
stricta, Vasey.
tenuissima, Trin.
viridula, Trin.
var. minor, Vasey.
var. pubescens, Vasey.
var. robusta, Vasey.

STREPTOGYNE
crinita, Beauv.

THURBERIA
Arkansana, Benth.

TRACHYPOGON
polymorphus, Hack., var. Montufari, Hack.

TRAGUS
racemosus, Hall.

TRICHLORIS
pluriflora, Fourn.
verticillata, Fourn.

TRIODIA
acuminata, Vasey.
albescens, Munro.
ambigua, Vasey.
avenacea, HBK.
Buckleyana, Vasey.*
eragrostoides, V. & S.
mutica, Scrib.
pulchella, HBK.
var. parviflora, Vasey.*
seslerioides, Benth.
stricta, Vasey.
Texana, Watson.
trinerviglumis, Munro.

TRIPLASIS
Americana, Beauv.
purpurea, Chapm.
sparsiflora, Chapm.

TRIPSACUM
dactyloides, L.
var. monostachyum, Gray.
Lemmoni, Vasey.

TRISETUM
barbatum, Steud.
canescens, Buckl.
cernuum, Trin.
Hallii, Scrib.
interruptum, Buckl.
Ludovicianum, Vasey.
montanum, Vasey.

palustre, L.
subspicatum, P. B.
var. molle, Gray.

UNIOLA
gracilis, Michx.
latifolia, Michx.
nitida, Baldw.
paniculata, L.

ZIZANIA
aquatica, L.
miliacea, Michx.

EQUISETACEÆ.

EQUISETUM
arvense, L.
hiemale, L.
lævigatum, A. Br.
limosum, L.
littorale, Kuhl.
palustre, L.
pratense, Ehrh.
ramosissimum, Desf.
robustum, A. Br.
scirpoides, Michx.
sylvaticum, L.
Telmateia, Ehrh.
variegatum, Schleich.

OPHIOGLOSSACEÆ.

BOTRYCHIUM
boreale, Milde.
lanceolatum, Angs.
Lunaria, Swartz.
matricariæfolium, A. Br.
simplex, Hitch.
ternatum, Swartz.
var. dissectum, Milde.
var. lunarioides, Milde.
var. obliquum, Milde.
Virginianum, Swartz.

OPHIOGLOSSUM
crotalophoroides, Walt.
nudicaule, L. f.
palmatum, Plumier.
vulgatum, L.

FILICES.

ACROSTICHUM
aureum, L.

ADIANTUM
Capillus-Veneris, L.
emarginatum, Hook.
pedatum, L.
tenerum, Swartz.
tricholepis, Fee.

ANEIMIA
adiantifolia, Swartz.
Mexicana, Klotz.

ASPIDIUM
acrostichoides, Swartz.
aculeatum, Swartz.
var. angulare, Eaton.
var. Braunii, Doell.
var. scopulinum, Eaton.
Boottii, Tuckerm.
conterminum, Willd., var. strigosum, Eaton.
cristatum, Swartz.
var. Clintonianum, Eaton.
Filix-mas, Swartz.
Floridanum, Eaton.
fragrans, Swartz.
Goldianum, Hook.
juglandifolium, Kunze.
Lonchites, Swartz.
marginale, Swartz.
mohrioides, Bory.
munitum, Kaulf.
var. imbricans, Eaton.
Nevadense, Eaton.
Noveboracense, Swartz.
Oreopteris, Swartz.
patens, Swartz.
patulum ?
rigidum, Swartz, var. argutum, Eaton.
spinulosum, Swartz.
var. dilatatum, Hornem.
var. intermedium, Eaton.
Thelypteris, Swartz.
trifoliatum, Swartz.
unitum, R. Br., var. glabrum, Mett.

ASPLENIUM
angustifolium, Michx.
Bradleyi, Eaton.
cicutarium, Swartz.
dentatum, L.
ebenoides, R. R. Scott.

ebeneum, Ait.
var. proliferum, Eaton.
Filix-fœmina, Bernh.
var. angustum, Eaton.
firmum, Kunze.
Glenniei, Baker.
montanum, Willd.
parvulum, Mart. & Gal.
pinnatifidum, Nutt.
rhizophyllum, Kunze.
var. myriophyllum, Mett.
Ruta-muraria, L.
septentrionale, Hoffm.
serratum, L.
thelypteroides, Michx.
Trichomanes, L.
var. incisum, Moore.
viride, Huds.

BLECHNUM
serrulatum, Rich.

CAMPTOSORUS
rhizophyllus, Link.

CERATOPTERIS
thalictroides, Brongn.

CHEILANTHES
Alabamensis, Kunze.
argentea, Hook.
Californica, Mett.
Clevelandii, Eaton.
Cooperæ, Eaton.
Fendleri, Hook.
gracillima, Eaton.
lanuginosa, Nutt.
var. fibrillosa, Dav.
lendigera, Swartz.
leucopoda, Link.
Lindheimeri, Hook.
microphylla, Swartz.
myriophylla, Desv.
Parishii, Dav.
Pringlei, Dav.
tomentosa, Link.
var. Eatoni, Dav.
vestita, Swartz.
viscida, Dav.
Wrightii, Hook.

CRYPTOGRAMME
acrostichoides, R. Br.

CYSTOPTERIS
bulbifera, Bernh.
fragilis, Bernh.
montana, Bernh.

DICKSONIA
pilosiuscula, Willd.

GYMNOGRAMME
Ehrenbergiana, Klotz.
triangularis, Kaulf.

LOMARIA
spicant, Desv.
var. serratum, Woll.

LYGODIUM
palmatum, Swartz.

NEPHROLEPIS
exaltata, Schott.

NOTHOLÆNA
Aschenborniana, Klotz.
candida, Hook.
cretacea, Lieb.
Fendleri, Kunze.
ferruginea, Hook.
Grayi, Dav.
Hookeri, Eaton.
Lemmoni, Eaton.
Newberryi, Eaton.
nivea, Desv.
var. dealbata, Dav.
Parryi, Eaton.
sinuata, Kaulf.
tenera, Gilles.

ONOCLEA
sensibilis, L.
Struthiopteris, Hoffm.

OSMUNDA
cinnamomea, L.
Claytoniana, L.
regalis, L.

PELLÆA
andromedæfolia, Fee.
aspera, Baker.
atropurpurea, Link.
brachyptera, Baker.
Breweri, Eaton.
Bridgesii, Hook.
densa, Hook.
flexuosa, Link.

gracilis, Hook.
intermedia, Mett.
marginata, Baker.
Ornithopus, Hook.
pulchella, Fee.
ternifolia, Link.
Wrightiana, Hook.
var. compacta, Dav.
var. longimucronata, Dav.

PHEGOPTERIS
alpestris, Mett.
Dryopteris, Fee.
var. Robertianum, Dav.
hexagonoptera, Fee.
polypodioides, Fee.
reptans, Eaton.
tetragona, Mett.

POLYPODIUM
aureum, L.
Californicum, Kaulf.
falcatum, Kellogg.
incanum, Swartz.
pectinatum, L.
Phyllitidis, L.
Plumula, HBK.
Scouleri, H. & G.
Swartzii, Baker.
thysanolepis, A. Br.
vulgare, L.

PTERIS
aquilina, L.
var. caudata, Hook.
var. lanuginosa, Bong.
Cretica, L.
longifolia, L.
serrulata, L. f.

SCHIZÆA
pusilla, Pursh.

SCOLOPENDRIUM
vulgare, Smith.

TÆNITIS
lanceolata, R. Br.

TRICHOMANES
Petersii, Gray.
radicans, Swartz.

VITTARIA
lineata, Smith.

WOODSIA
glabella, R. Br.
hyperborea, R. Br.
Ilvensis, R. Br.
Mexicana, Fee.
obtusa, Torr.
Oregana, Eaton.
scopulina, Eaton.

WOODWARDIA
angustifolia, Smith.
radicans, Smith.
Virginica, Smith.

MARSILIACEÆ.

MARSILIA
macropoda, Engelm.
mucronata, A. Br.
quadrifolia, L.
tenuifolia, Engelm.
uncinata, A. Br.
vestita, H. & G.

PILULARIA
Americana, A. Br.

SALVINIACEÆ.

SALVINIA
natans, L.

AZOLLA
Caroliniana, Willd.

LYCOPODIACEÆ.

LYCOPODIUM
alopecuroides, L.
alpinum, L.
annotinum, L.
var. pungens, Desv.
Carolinianum, L.
cernuum, L.
clavatum, L.
complanatum, L.
dendroideum, Michx.
inundatum, L.
var. pinnatum, Chapm.
lucidulum, Michx.
sabinæfolium, Willd.
Selago, L.

PSILOTUM
triquetrum, Swartz.

SELAGINELLACEÆ.

SELAGINELLA
apus, Spring.
Douglasii, Spring.
lepidophylla, Spring.
Oregana, Eaton.
rupestris, Spring.
selaginoides, Link.
tortipila, A. Br.

ISOETACEÆ.

ISOETES
Bolanderi, Engelm.
Butleri, Engelm.
var. immaculata, Engelm.
echinospora, Durieu, var.
Boottii, Engelm.
var. Braunii, Engelm.
var. muricata, Engelm.
var. robusta, Engelm.
Engelmanni, A. Br.
var. gracilis, Engelm.
var. valida, Engelm.
flaccida, Shuttlew.
var. Chapmani, Engelm.
Howellii, Engelm.
lacustris, L.
melanopoda, J. Gay.
melanospora, Engelm.
nuda, Engelm.
Nuttallii, A. Br.
pygmæa, Engelm.
riparia, Engelm.
saccharata, Engelm.
Tuckermani, A. Br.

Myrtaceae 106

Amaranthaceae 107

Nyctaginaceae 106

Myrsinaceae 106

Primulaceae 106

Plumbaginaceae 106

Sapotaceae 106

Ebenaceae 106

Styracaceae 106

Oleaceae 106

Loganiaceae 106

Gentianaceae 106

Apocynaceae 106

Asclepiadaceae 106

Convolvulaceae 106

Polemoniaceae 106

Hydrophyllaceae 106

Boraginaceae 106

Verbenaceae 106

Labiatae 106

Solanaceae 106

Scrophulariaceae 106

Bignoniaceae 106

Pedaliaceae 106

Orobanchaceae 106

Gesneriaceae 106

Acanthaceae 106

Lentibulariaceae 106

Byblidaceae 106

Martyniaceae 106

Globulariaceae 106

Plantaginaceae 106

Rubiaceae 106

Caprifoliaceae 106

Adoxaceae 106

Valerianaceae 106

Dipsacaceae 106

Calyceraceae 106

Compositae 106

115 Campanulaceae

118 Lobeliaceae

119 Stylidiaceae

119 Goodeniaceae

119 Brunoniaceae

120 Cyphiaceae

120 Phyllachoraceae

120 Pentaphragmataceae

121 Rafflesiaceae

122 Balanophoraceae

122 Aristolochiaceae

122 Cytinaceae

122 Thymelaeaceae

122 Elaeagnaceae

123 Proteaceae

124 Santalaceae

124 Loranthaceae

125 Polygonaceae

126 Chenopodiaceae

127 Phytolaccaceae

128 Aizoaceae

129 Portulacaceae

129 Basellaceae

130 Caryophyllaceae

130 Nepenthaceae

131 Dilleniaceae

131 Magnoliaceae

132 Anonaceae

132 Schisandraceae

133 Ranunculaceae

134 Berberidaceae

135 Menispermaceae

135 Lardizabalaceae

135 Papaveraceae

136 Fumariaceae

136 Cruciferae

137 Capparidaceae

Bulletin of the Torry Botanical Club. November. 1888

A revision of the genus *Hicoria*, Raf. (*Carya*, Nutt.), by Dr. Britton, opens this excellent number. The author has apparently quite exhausted the bibliography of the subject, and shows conclusively that the substitution by Nuttall, of "*Carya*" for Raffinesque's name *Hicoria* for our histories was without excuse, a position that had previously been taken also by Le Conte. As no further light on this subject is ever likely to be accessible, the present names may be considered as final, and the final important changes should be carefully noted.

Carya olivæformis, Nutt. (the Pecan), becomes *Hicoria pecan* (Marsh.) Britton.

Carya alba, Nutt. (the common shell-bark) becomes *Hicoria ovata* (Mill.), Britton.

Carya tomentosa, Nutt. (the Mocker-nut) becomes *Hicoria alba* (L.), Britton.

J. Schrenk, calls attention to "Schweinfurth's Method of Preserving Plants for Herbaria." The method to which reference is made is one eminently fitted to economize a traveller's time in extensive journeys. It at the same time retains the plants in good order, soft, pliable and moist for an indefinite period, and enables the collector to dry the specimens at his leisure after his return from his travels.

Filibert Roth contributes a histological paper "On the Opening of Stomata" on the leaves and other organs of plants. The writer informs us that experiments made by him show that the endosmosic force accomplishing the turgescence necessary to effect the closing of the guard-cells, is sometimes equivalent in hydrostatic pressure to a power equal to five atmospheres.

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